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PCWI are leaders in the design, manufacture and distribution of specialist industrial measuring instruments for the metals, construction, coating and related industries.

The detection of imperfections in protective coatings that have been applied to eliminate moisture, and the accurate determination of the thickness of such coatings, is of critical importance in a wide range of industrial applications.

Our specialist knowledge in the design and manufacture of **Holiday Detectors, Porosity Detectors, Pinhole Detectors and Coating Thickness Calibration Standards**, derived from over two decades work in this field, have established PCWI as one of the world leaders in the development of technology in this area.

All PCWI holiday detectors, pinhole detectors & calibration standards are designed and manufactured to the highest standards of accuracy and reliability at our Cardiff facility in New South Wales, Australia. Our Quality Management System is certified to **ISO 9001** (Lie No 13066), and our inhouse supports testing for a wide range of instruments. Certification is traceable to National Standards via NATA (NML - Australia), UKAS (NPL - UK), and NVLAP (NIST - USA) certified equipment.

A program of continuous Research and Development underpins PCWI's work, and is your guarantee of the best possible product. We understand the technical specifications demanded by industry, and recognise that customer requirements are specific in relation to specialist testing and measuring instruments.

While PCWI is determined to maintain its status as a major exporter of holiday detectors and calibration standards, the Company will continue to offer the best available service to the domestic market and recognise that customer satisfaction, on time delivery and competitive pricing are the keys to ensuring the Company's success in the future.

PCWI stock a comprehensive range of specialist test & measuring instruments relevant to your industry. Just click on the catalogue to view a selection or scroll through the list of products and datasheets.



DC DETECTORS

DC DETECTORS



- Used for detection of coating porosity in dielectric, insulation type coatings on conductive substrates, including concrete
- Small, lightweight unit with a clip-on battery pack and digital display of applied voltage
- Constant test current, fully adjustable voltage and sensitivity controls
- Momentary on switch allows for auto shut-off



Weight	6.0kg (packed)
Dimensions	260 x 160 x 70mm
Short Circuit	Test current 0.5mA max
Alarm	Audible & Visual
Resolution	10V
Power	Life Po4 clip on
Probe Handle	2m high-voltage silicon rubber lead

Part No.	Description	Voltage	Unit	Qty
DC15IND	COMPACT DC15 INDUSTRIAL KIT	0 to 15kV	EA	1
DC15PIPE	COMPACT DC15 PIPELINE KIT	0 to 15kV	EA	1
DC30IND	COMPACT DC30 INDUSTRIAL KIT	0 to 30kV	EA	1
DC30PIPE	COMPACT DC30 PIPELINE KIT	0 to 30kV	EA	1

PULSE DETECTORS

PULSE DETECTORS



- Ideal for use on contaminated coating surface, carbonated rubber and on very thick coatings
- Lightweight design with LED voltage display, clip on battery pack and case
- Audible alarm when fault is found



Weight	8.0kg (packed)
Dimensions	260 x 160 x 70mm
Short Circuit	1.5mA max
Alarm	Audible
Resolution	100V
Power	Life Po4 clip on
Probe Handle	Rubber lead

Part No.	Description	Voltage	Alarm Range	Unit	Qty
P20IND	COMPACT PULSE 20 INDUSTRIAL KIT)	Displays 0 to 20kV	2 to 20kV	EA	1
P20PIPE	COMPACT PULSE 20 PIPELINE KIT	Displays 0 to 20kV	2 to 20kV	EA	1
P40IND	COMPACT PULSE 40 INDUSTRIAL KIT	Displays 0 to 40kV	5 to 40kV	EA	1
P40PIPE	COMPACT PULSE 40 PIPELINE KIT	Displays 0 to 40kV	5 to 40kV	EA	1

CREST METERS

CREST METERS

CREST METER DC INCLUDING CASE



Part No. DCCREST

- Designed for verifying output voltage and the calibration of High Voltage DC Porosity Detectors and Holiday Detectors
- Ensures accuracy and enables voltage adjustment (if necessary)
- Compact, lightweight hand-held unit with integral probe
- Range: 0 to 30kV



EA	QTY 1
Weight	300g
Dimensions	380 x 80mm
Range	0 to 30kV
Resolution	10V (0 to 20kV) / 100V (0 to 30kV)
Earth Lead	Separate

CREST METER PULSE READS TO 30KV W/ CASE



Part No. PULSECREST

- For verifying output voltage and the calibration of PCWI Pulse Type Porosity Detectors
- Ensures accuracy and enables voltage adjustment (if necessary)
- Compact, lightweight hand-held unit with integral probe
- Range: 5 to 30kV
- Suitable for PCWI Pulse Detectors ONLY

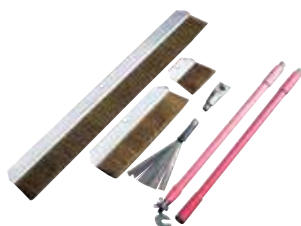
EA QTY 1



Weight	390g
Dimensions	300 x 75 x 40mm
Range	5 to 30kV
Resolution	100V
Earth Lead	Separate

BRUSHES

BRUSHES FLAT STRAIGHT



- Suitable for all high voltage porosity detectors, holiday detectors, spark testers and jeepers
- Adapters available for most brands/makes and models
- 100 micrometre brass wire
- Sizes range from 50mm - 600mm



Part No.	Description	Size (mm)	Unit	Qty
BRUSHFLAT50	2 INCH 50MM FLAT BRUSH	50	EA	1
BRUSHFLAT75	3 INCH 75MM FLAT BRUSH	75	EA	1
BRUSHFLAT100	4 INCH 100MM FLAT BRUSH	100	EA	1
BRUSHFLAT125	5 INCH 125MM FLAT BRUSH	125	EA	1
BRUSHFLAT150	6 INCH 150MM FLAT BRUSH	150	EA	1
BRUSHFLAT200	8 INCH 200MM FLAT BRUSH	200	EA	1
BRUSHFLAT225	9 INCH 225MM FLAT BRUSH	225	EA	1
BRUSHFLAT250	10 INCH 250MM FLAT BRUSH	250	EA	1
BRUSHFLAT300	12 INCH 300MM FLAT BRUSH	300	EA	1
BRUSHFLAT400	16 INCH 400MM FLAT BRUSH	400	EA	1
BRUSHFLAT450	18 INCH 450MM FLAT BRUSH	450	EA	1
BRUSHFLAT500	20 INCH 500MM FLAT BRUSH	500	EA	1
BRUSHFLAT600	24 INCH 600MM FLAT BRUSH	600	EA	1

BRUSHES INTERNAL PIPE DISC



- Disc shaped pipeline brush suitable for all high voltage porosity detectors, holiday detectors, spark testers and jeepers
- 100 micrometre brass wire
- Sizes range from 127mm - 508mm

Part No.	Description	Size (mm)	Unit	Qty
BRUSHINTERNAL127	5 INCH 127MM INTERNAL BRUSH	127	EA	1
BRUSHINTERNAL152	6 INCH 152MM INTERNAL BRUSH	152	EA	1
BRUSHINTERNAL203	8 INCH 203MM INTERNAL BRUSH	203	EA	1
BRUSHINTERNAL254	10 INCH 254MM INTERNAL BRUSH	254	EA	1
BRUSHINTERNAL305	12 INCH 305MM INTERNAL BRUSH	305	EA	1
BRUSHINTERNAL356	14 INCH 356MM INTERNAL BRUSH	356	EA	1
BRUSHINTERNAL406	16 INCH 406MM INTERNAL BRUSH	406	EA	1
BRUSHINTERNAL457	18 INCH 457MM INTERNAL BRUSH	457	EA	1
BRUSHINTERNAL508	20 INCH 508MM INTERNAL BRUSH	508	EA	1

BRUSHES INTERNAL PIPE CONE



- Cone shaped pipeline brush suitable for all high voltage porosity detectors, holiday detectors, spark testers and jeepers
- 100 micrometre brass wire
- Size: 25mm to 102mm

Part No.	Description	Size (mm)	Unit	Qty
BRUSHINTERNAL1	1 INCH 25MM INTERNAL BRUSH	25	EA	1
BRUSHINTERNAL1.5	1 1/2 INCH 38MM INTERNAL BRUSH	38	EA	1
BRUSHINTERNAL51	2 INCH 51MM INTERNAL BRUSH	51	EA	1
BRUSHINTERNAL63	2 1/2 INCH 63MM INTERNAL BRUSH	63	EA	1
BRUSHINTERNAL76	3 INCH 76MM INTERNAL BRUSH	76	EA	1
BRUSHINTERNAL102	4 INCH 102MM INTERNAL BRUSH	102	EA	1

FAN BRUSH

Part No. BRUSHFANTYPE

EA

QTY 1



BRUSHES EXTERNAL PIPE



- External rolling pipeline brushes suitable for all high voltage porosity detectors, holiday detectors, spark testers and jeepers
- Adapters available for most brands/makes and models
- Rolls over joints, moves easily around bends, splits for easy fitting
- 100 micrometre brass wire
- Sizes range from 25mm -1270mm

Part No.	Description	Size (mm)	Unit	Qty
BRUSHEXTERNAL25	1 INCH 25MM EXTERNAL BRUSH	25	EA	1
BRUSHEXTERNAL38	1 1/2 INCH 38MM EXTERNAL BRUSH	38	EA	1
BRUSHEXTERNAL51	2 INCH 51MM EXTERNAL BRUSH	51	EA	1
BRUSHEXTERNAL63	2 1/2 INCH 63MM EXTERNAL BRUSH	63	EA	1
BRUSHEXTERNAL76	3 INCH 76MM EXTERNAL BRUSH	76	EA	1
BRUSHEXTERNAL102	4 INCH 102MM EXTERNAL BRUSH	102	EA	1
BRUSHEXTERNAL127	5 INCH 127MM EXTERNAL BRUSH	127	EA	1
BRUSHEXTERNAL152	6 INCH 152MM EXTERNAL BRUSH	152	EA	1
BRUSHEXTERNAL203	8 INCH 203MM EXTERNAL BRUSH	203	EA	1
BRUSHEXTERNAL254	10 INCH 254MM EXTERNAL BRUSH	254	EA	1
BRUSHEXTERNAL305	12 INCH 305MM EXTERNAL BRUSH	305	EA	1
BRUSHEXTERNAL356	14 INCH 356MM EXTERNAL BRUSH	356	EA	1
BRUSHEXTERNAL406	16 INCH 406MM EXTERNAL BRUSH	406	EA	1
BRUSHEXTERNAL457	18 INCH 457MM EXTERNAL BRUSH	457	EA	1
BRUSHEXTERNAL508	20 INCH 508MM EXTERNAL BRUSH	508	EA	1
BRUSHEXTERNAL558	22 INCH 558MM EXTERNAL BRUSH	558	EA	1
BRUSHEXTERNAL610	24 INCH 610MM EXTERNAL BRUSH	610	EA	1
BRUSHEXTERNAL660	26 INCH 660MM EXTERNAL BRUSH	660	EA	1
BRUSHEXTERNAL711	28 INCH 711MM EXTERNAL BRUSH	711	EA	1
BRUSHEXTERNAL762	30 INCH 762MM EXTERNAL BRUSH	762	EA	1
BRUSHEXTERNAL813	32 INCH 813MM EXTERNAL BRUSH	813	EA	1
BRUSHEXTERNAL864	34 INCH 864MM EXTERNAL BRUSH	864	EA	1
BRUSHEXTERNAL914	36 INCH 914MM EXTERNAL BRUSH	914	EA	1
BRUSHEXTERNAL965	38 INCH 965MM EXTERNAL BRUSH	965	EA	1
BRUSHEXTERNAL1016	40 INCH 1016MM EXTERNAL BRUSH	1016	EA	1
BRUSHEXTERNAL1067	42 INCH 1067MM EXTERNAL BRUSH	1067	EA	1
BRUSHEXTERNAL1118	44 INCH 1118MM EXTERNAL BRUSH	1118	EA	1
BRUSHEXTERNAL1168	46 INCH 1168MM EXTERNAL BRUSH	1168	EA	1
BRUSHEXTERNAL1219	48 INCH 1219MM EXTERNAL BRUSH	1219	EA	1
BRUSHEXTERNAL1270	50 INCH 1270MM EXTERNAL BRUSH	1270	EA	1

COILS COMPLETE WITH BALL BEARING ENDS

COILS COMPLETE WITH BALL BEARING ENDS



- Suitable for all high voltage porosity detectors, holiday detectors, spark testers and jeepers
- 100 micrometre brass wire
- Sizes range from 50mm -1470mm

Part No.	Description	Size (mm)	Unit	Qty
COIL50	2 INCH 50MM PIPELINE COIL	50	EA	1
COIL75	3 INCH 75MM PIPELINE COIL	75	EA	1
COIL100	4 INCH 100MM PIPELINE COIL	100	EA	1
COIL150	6 INCH 150MM PIPELINE COIL	150	EA	1
COIL200	8 INCH 200MM PIPELINE COIL	200	EA	1
COIL250	10 INCH 250MM PIPELINE COIL	250	EA	1
COIL300	12 INCH 300MM PIPELINE COIL	300	EA	1
COIL350	14 INCH 350MM PIPELINE COIL	350	EA	1
COIL400	16 INCH 400MM PIPELINE COIL	400	EA	1
COIL450	18 INCH 450MM PIPELINE COIL	450	EA	1
COIL500	20 INCH 500MM PIPELINE COIL	500	EA	1
COIL550	22 INCH 550MM PIPELINE COIL	550	EA	1
COIL600	24 INCH 600MM PIPELINE COIL	600	EA	1
COIL660	26 INCH 660MM PIPELINE COIL	660	EA	1
COIL710	28 INCH 710MM PIPELINE COIL	710	EA	1
COIL760	30 INCH 760MM PIPELINE COIL	760	EA	1
COIL810	32 INCH 810MM PIPELINE COIL	810	EA	1
COIL860	34 INCH 860MM PIPELINE COIL	860	EA	1
COIL910	36 INCH 910MM PIPELINE COIL	910	EA	1
COIL960	38 INCH 960MM PIPELINE COIL	960	EA	1
COIL1010	40 INCH 1010MM PIPELINE COIL	1010	EA	1
COIL1060	42 INCH 1060MM PIPELINE COIL	1060	EA	1
COIL1110	44 INCH 1110MM PIPELINE COIL	1110	EA	1
COIL1160	46 INCH 1160MM PIPELINE COIL	1160	EA	1
COIL1210	48 INCH 1210MM PIPELINE COIL	1210	EA	1
COIL1270	50 INCH 1270MM PIPELINE COIL	1270	EA	1
COIL1320	52 INCH 1320MM PIPELINE COIL	1320	EA	1
COIL1370	54 INCH 1370MM PIPELINE COIL	1370	EA	1
COIL1420	56 INCH 1420MM PIPELINE COIL	1420	EA	1
COIL1470	58 INCH 1470MM PIPELINE COIL	1470	EA	1

WET SPONGES

WET SPONGES

PCWI WET SPONGE LED 9, 67.5 & 90 VOLT SELECTABLE



Part No. WETSPONGE

- Uses the wet sponge method to detect pinholes in coatings
- Selectable 9, 67.5 or 90V test voltage, LED display of voltage, audible and visual fault alarms
- Large probe head (230 x 40mm) and wider sponge gives faster tests
- Internally mounted 9v battery; low battery condition LED indicator
- 350mm to 1.2m extendable telescopic handle for user comfort

EA QTY 1



Weight	350g
Dimensions	210 x 75 x 35mm
Telescopic Probe Length	350mm to 1.2m
Range	0 to 500um
Operating Temperature	0 to 50°C
Test Voltage	9, 67.5 and 90V
Power	9V Battery

HANDLE & LEAD COMPLETE WITH-OUT BRUSH



Part No. HANDLELDCOMPLETE

- DC Probe Handle complete with lead, plug, neon holder & neon

EA QTY 1

POSITEST HHD HIGH VOLT HOLIDAY DETECTOR



Part No. HHDKIT

- The Positest HHD is a lightweight, non-destructive instrument for detecting holidays, pinholes and discontinuities using pulse DC
- Kit includes detector, 7.6m earth cable with ground clip, SS fan brush & 50cm extension rod
- Audible alarms and visual strobe lights alert when flaws are detected
- Supplied with Li-ion battery pack, charger & more in a durable Pelican case
- User adjustable voltage range from 0.5 - 35kV

EA QTY 1



Weight	11.22kg (packed)
Dimensions	980 x 420 x 180mm
Alarm	Audible & visual
Accuracy	+/- 5%
Power	Li-ion battery pack

DETECTOR SPARES

SPARE PARTS

Part No.	Description	Unit	Qty
BATTLIFEPO4CBTP	BATT LIFEPO4 CHRGR/BATT TERM PROT>JUL 17	EA	1
CHARGERLIFEPO4	CHARGER LIFEPO4 FOR DETECTOR POST JUL 17	EA	1
BATTLIFEPO4REP	BATTERY LIFEPO4 FOR REPAIRS ONLY	EA	1
BANANAPLUG	BANANA PLUG/SCREW SKT FOR HV PROBES	EA	1
BATTLIFEPO4BTP	BATT LIFEPO4&BATT TERM PROT POST JUN 17	EA	1
CASEBLACKLGE	CARRYCASE LGE 150X370X440MM BK WITH FOAM	EA	1
CASEBLACKSML	CARRYCASE SML 94X338X340MM WET SPONGE BK	EA	1
CHARGERUNI	UNIVERSAL CHRGR FOR DETECTORS PRE JUL 17	EA	1
COILBEARINGEND	COIL BALL BEARING ENDS PER PAIR	EA	1
COILJOINERONLY	COIL JOINER ONLY FOR PIPE COILS	EA	1
CONNFLAT125MM	FOR FLAT BRUSHES 125MM	EA	1
DCDISPLAY	DC DISPLAY MODULE GREEN BOARD	EA	1
CONNFLAT60MM	FOR FLAT BRUSHES 60MM	EA	1
DCCONTROLBD	DC CTRL BRD W/ WIRING HARN & SONAR ALERT	EA	1
DCHVMODULE	DC HV MODULE BLACK BOX W/ RED SKT	EA	1
EARPHONESAIR	EARPHONES AIR-OPERATED	EA	1
FUSEHOLDDC	FUSE HOLDER INCL FUSE DC ONLY	EA	1
HVLEAD2M	HIGH VOLTAGE LEAD 2M & PLUG	EA	1
NEONHOLDERCOMP	NEON LIGHT HOLDER WITH NEON	EA	1
NEONGLOBE	NEON GLOBE SPARE	EA	1
PRBEXT450MM	PROBE EXTENSION 450MM	EA	1
PRBEXT1M	PROBE EXTENSION 1M COVERED	EA	1
PRBHANDLEPULSE	PROBE HANDLE FOR PULSE COMPLETE	EA	1
PRBHANDLEDC	PROBE HANDLE FOR DC COMPLETE	EA	1
PULSEPRBADAPT	PROBE ADAPTOR FOR PULSE	EA	1
PRBHANDLEWETSP	PROBE HANDLE FOR WET SPONGE COMPLETE	EA	1
SONGEHOLD90MM	SPONGE & ALUMINIUM HOLDER 45 TO 90MM	EA	1
SPONGEHOLD230MM	SPONGE & ALUMINIUM HOLDER 230MM	EA	1
TRAILEARTH10M	TRAILING 10M LONG 1M PLASTIC ENCASED	EA	1
TRAILEARTH15M	TRAILING 15M LONG 1M PLASTIC ENCASED	EA	1
SPONGE4PK90MM	SPONGES 45 TO 90MM PK 4	EA	1
SPONGE4PK230MM	SPONGES 230MM PK 4	EA	1
PRBENDCAP	PROBE END CAP DC PROBE	EA	1
MCH0501	PROBE NUT 2BA DOME STEEL	EA	1

ADAPTOR KITS

Part No.	Description	Unit	Qty
ADAPTELCOM	ADAPTOR FOR ELCOMETER	EA	1
ADAPTSPY	ADAPTOR FOR SPY WITH FLAT BRUSH END	EA	1
COILJOIN450PRBEXT	COIL JOINER WITH 450MM PROBE EXTENSION	EA	1

DEFELSKO ADHESION TESTERS

POSITEST AUTO ADHESION TESTERS



- Measures the force required to pull a specified test diameter of coatings or material away from its substrate using hydraulic pressure
- Automatic model electronically applies smooth and continuous pressure
- Environmentally sealed enclosure —weatherproof, dustproof and shockproof
- High-grade, industrial pressure sensor ensures continued accuracy

DeFelsko®
Inspection Instruments

Adhesive	ResinLab EP11HT 2-Part Epoxy
Resolution	0.01 MPa (1 psi)
Accuracy	+/- 1% Full Scale

Part No.	Application	Adhesion Strength	Unit	Qty
ATA20	20mm dollies and stand off—ideal for higher bond strength coating on metal	0.7 – 24 MPa 100 – 3500 psi 100 – 7550 N	EA	1
ATA50	50mm dollies and stand off—ideal for lower bond strength coating on wood, concrete and plastic	0.4 – 3.8 MPa 50 – 560 psi 100 – 7550 N	EA	1
ATA50C-B	50mm C1583 dollies and stand off—ideal for concrete surfaces and overlays	0.4 – 3.8 MPa 50 – 560 psi 100 – 7550 N	EA	1
ATA50T-B	50 x 50mm tile dollies and stand off—ideal for cementitious tile adhesive	0.4 – 3.033 MPa 50 – 440 psi 100 – 7550 N	EA	1

POSITEST MANUAL ADHESION TESTERS



- Measures the force required to pull a specified test diameter of coatings or material away from its substrate using hydraulic pressure
- Manual model applies pressure at a user-specified rate-of-pull
- Environmentally sealed enclosure —weatherproof, dustproof and shockproof
- High-grade, industrial pressure sensor ensures continued accuracy

DeFelsko®
Inspection Instruments

Adhesive	ResinLab EP11HT 2-Part Epoxy
Resolution	0.01 MPa (1 psi)
Accuracy	+/- 1% Full Scale

Part No.	Application	Adhesion Strength	Unit	Qty
ATM20	20mm dollies and stand off—ideal for higher bond strength coating on metal	0.7 – 20 MPa 100 – 3000 PSI	EA	1
ATM50	50mm dollies and stand off—ideal for lower bond strength coating on wood, concrete and plastic	0.4 – 3.3 MPa 50 – 480 psi	EA	1
ATM50C	50mm C1583 dollies and stand off—ideal for concrete surfaces and overlays	0.4 – 3.3 MPa 50 – 480 psi	EA	1
ATM50T	50 x 50mm tile dollies and stand off—ideal for cementitious tile adhesive	0.4 – 2.585 MPa 50 – 375 psi	EA	1

DEFELSKO ACCESSORIES

POSITEST ACCESSORIES KITS

POSI AT50KIT 50MM ACCESSORIES KIT

Part No. AT50KIT

EA

QTY 1

DeFelsko®
Inspection Instruments



- Conversion kit allows PosiTest models ATM20 or ATA20 to pull 50mm dollies
- Larger surface area of dolly provides improved low range precision and repeatability
- Includes 50mm stand-off, 50mm hole saw and 50mm aluminium test dollies

POSI ADHESIVE KIT

Part No. ADHESIVEKIT

EA

QTY 1

DeFelsko®
Inspection Instruments



- Additional glue, mixing sticks, palettes and cotton swabs for PosiTest AT Series adhesion testers

POSITEST DOLLIES

DeFelsko®
Inspection Instruments



Part No.	Description	Unit	Qty
DOLLY20PK10	POSITEST DOLLIES 20MM PK 10	EA	1
DOLLY50PK4	POSITEST DOLLIES 50MM PK 4	EA	1
DOLLY10PK10	POSITEST DOLLIES 10MM PK 10	EA	1
DOLLY14PK10	POSITEST DOLLIES 14MM PK 10	EA	1
DOLLY20PK100	POSITEST DOLLIES 20MM PK 100	EA	1
DOLLY50PK50	POSITEST DOLLIES 50MM PK 50	EA	1
DOLLY10PK100	POSITEST DOLLIES 10MM PK 100	EA	1
DOLLY14PK100	POSITEST DOLLIES 14MM PK 100	EA	1
DOLLYC1583PK2	POSITEST DOLLIES 50MM C1583 PK 2	EA	1
DOLLYTILEPK4	POSITEST DOLLIES 50MM2 TILE PK 4	EA	1
DOLLYPLATEPK4	POSITEST DOLLIES 50MM2 PLATE PK 4	EA	1

POSITEST DRILLING TEMPLATE

POSI DRILLING TEMPLATE

Part No. TMPLTAS

EA

QTY 1

DeFelsko®
Inspection Instruments



- Drilling template and drill bits designed to isolate test area
- Ideal for thicker coatings on concrete

POSITEST CUTTING TOOL SAWS

- Cutting tool for isolating test area

DeFelsko
Inspection Instruments



Part No.	Description	Unit	Qty
ATKNOB20	POSI ATKNOB20 20MM CUTTING TOOL SAW	EA	1
ATKNOB50	POSI ATKNOB50 50MM CUTTING TOOL SAW	EA	1

DEFELSKO SPARE PARTS

POSITEST SPARE PARTS

POWER SUPPLY FOR POSITEST ATA

DeFelsko
Inspection Instruments

Part No. PWRSPLYASSY

EA QTY 1



- AT-A power supply assembly for charging the PosiTest Automatic adhesion tester with built in NiMH battery
- Alternatively, the AC power supply can be used to power the instrument
- The charging process may take 2-3 hours depending on battery remaining

PCWI ADHESION TESTERS

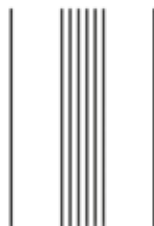
CROSS HATCH CUTTERS



- Made from Tungsten Carbide, a material two and a half times harder than hardened steel for a cutter that stays sharp 50 times longer
- 25mm blade with cutting profile on one edge, strong aluminium shaft and ergonomic plastic grip
- Provides a better result than testing adhesion with a regular knife
- Used to test a wide range of coatings, such as films, varnishes and paints

Part No.	Description	Blade	Unit	Qty
HATCHCUT1MM6T	X HATCH CUT 1MM 6 TOOTH	6 teeth with 1mm spacing, for coatings below 50 micrometres	EA	1
HATCHCUT2MM6T	X HATCH CUT 2MM 6 TOOTH	6 teeth with 2mm spacing, for coatings above 50 micrometres	EA	1
HATCHCUT1MM11T	X HATCH CUT 1MM 11 TOOTH	11 teeth with 1mm spacing	EA	1

CROSS HATCH CUTTER SPARE PARTS



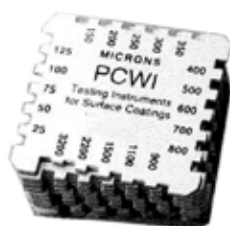
- Made from Tungsten Carbide, a material two and a half times harder than hardened steel for a cutter that stays sharp 50 times longer
- Replacement blade for PCWI cross-hatch adhesion cutters
- Provides a better result than testing adhesion with a regular knife
- Used to test a wide range of coatings, such as films, varnishes and paints

Part No.	Description	Blade	Unit	Qty
HATCHBLADE1MM6T	X HATCH 1MM 6 TTH BLADE ONLY	6 teeth with 1mm spacing, for coatings below 50 micrometres	EA	1
HATCHBLADE2MM6T	X HATCH 2MM 6 TTH BLADE ONLY	6 teeth with 2mm spacing, for coatings above 50 micrometres	EA	1
HATCHBLADE1MM11T	X HATCH 1MM 11 TTH BLADE ONLY	11 teeth with 1mm spacing	EA	1

WET FILM

WET FILM

ANODISED ALUMINIUM 4 SIDED 10 FOR

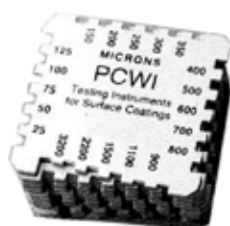


Part No. WETCOMB10

- Measures the wet film thickness of a coating prior to curing, drying or solvents flashing off; from this the dry film thickness can be calculated

EA	QTY 1
Side 1	25, 50, 75, 100, 125 um
Side 2	150, 200, 250, 300, 350 um
Side 3	400, 500, 600, 700, 800 um
Side 4	900, 1100, 1500, 2200, 3200 um

ALUMINIUM PERSONALISED COMBS



Part No. WETCOMB1000

- Measures the wet film thickness of a coating prior to curing, drying or solvents flashing off; from this the dry film thickness can be calculated
- Personalised combs available in minimum order qty of 1,000

EA	QTY 1
Size of comb	40mm x 40mm
Available area for logo	20mm x 12mm

CTG DFT

POSITEST DFT CTG

POSITEST DFTF-C FERROUS 0-1000UM



Part No. POSITESTDFTF

- Fast, ready to measure coating thickness gauge for non-magnetic coatings on steel
- Bright, high contrast colour display with large numerals for superior readability
- Onscreen averaging for up to 99 readings
- Built-in wrist strap for added convenience and safety
- Strong, wear-resistant, ruby-tipped probe

EA	QTY 1
Weight	54g (without batteries)
Dimensions	108 x 43 x 20mm
Range	0 – 1000um
Accuracy	+/- (2um + 3%)

POSITEST DFTC-C COMBO F & N 0-1000UM



Part No. POSITESTDFTC

- Fast, ready to measure coating thickness gauge for non-magnetic coatings on steel plus non-conductive coatings on aluminium, brass and more
- Bright, high contrast colour display with large numerals for superior readability
- Onscreen averaging for up to 99 readings
- Built-in wrist strap for added convenience and safety
- Strong, wear-resistant, ruby-tipped probe

DeFelsko®
Inspection Instruments

EA QTY 1

Weight	54g (without batteries)
Dimensions	108 x 43 x 20mm
Range	0 – 1000um
Accuracy	+/- (2um + 3%)

COATING THICKNESS GAUGES

COATING THICKNESS GAUGES

GU AC-110A FN INTEGRAL PROBE



Part No. GUAC110A

- Basic model coating thickness gauge with integral probe, wrist strap, working films and carry case
- Ferrous and non-ferrous zero plates for coatings on steel, aluminium and stainless steel
- Metric or imperial system settings, auto power-off function
- Measuring range: 0 - 1250 micrometres
- Minimum measurement area: 6mm

EA QTY 1

Dimensions	120 x 63 x 25mm
Probe Style	Integral probe
Range	0 - 1250um
Accuracy	+/-2.5um or 1-3%n (whichever is greater)
Resolution	0.1um (0-99.9um)/1um (over 100um)
Min. Radius of Work Piece	Ferrous convex 1.5mm, concave 25mm Non Ferrous convex 3mm, concave 50mm
Measuring Area	6mm
Power	2 x 1.5v AAA Um-4 Battery
Operating Temperature	0 - +50°C
Humidity	<95%

GU AC-110BS FN SEPARATE PROBE



Part No. GUAC110BS

- Statistical model coating thickness gauge with separate cabled probe, wrist strap, working films and carry case
- Ferrous and non-ferrous zero plates for coatings on steel, aluminium and stainless steel
- Metric or imperial system settings, auto power-off function
- Measuring range: 0 - 1250 micrometres
- Minimum measurement area: 6mm

EA QTY 1

Dimensions	120 x 63 x 25mm
Probe Style	Separate cabled probe
Range	0 - 1250um
Accuracy	+/-2.5um or 1-3%n (whichever is greater)
Resolution	0.1um (0-99.9um)/1um (over 100um)
Min. Radius of Work Piece	Ferrous convex 1.5mm, concave 25mm Non Ferrous convex 3mm, concave 50mm
Measuring Area	6mm
Power	2 x 1.5v AAA Um-4 Battery
Operating Temperature	0 - +50°C
Humidity	<95%

CTG MAGNETIC

CTG MAGNETIC

POSITEST F 2MM



Part No. POSITESTF

- Easy to use magnetic pull-off thickness gauge to measure hot dip galvanizing, hard chrome metalizing, paint, enamel and plastic coatings on steel
- Extra rugged housing, not affected by mechanical shock, water, acid or solvents
- Probe contact and dial rotation all in a one-finger operation
- Compact, lightweight and precisely balanced
- Carbide measuring probe for long life

EA

QTY 1

DeFelsko
Inspection Instruments

Scale	0-2000um
Tolerance	+/-5um up to 100um / +/-5% of the reading over 100um

POSITEST G



Part No. POSITESTG

- Easy to use magnetic pull-off thickness gauge for measuring electroplating, thin paint films, phosphating on steel
- Extra rugged housing, not affected by mechanical shock, water, acid or solvents
- Probe contact and dial rotation all in a one-finger operation
- Compact, lightweight and precisely balanced
- Carbide measuring probe for long life

EA

QTY 1

DeFelsko
Inspection Instruments

Scale	0-200um
Tolerance	+/-1um up to 20um / +/-5% of the reading over 20um

POSIPEN

MCTG 5-500UM EXTREME TEMP -100 TO +230C



Part No. POSIPEN

- Coating thickness gauge with small magnet which can be placed with pin-point accuracy on extremely small parts, and on peaks and valleys
- Measures non-magnetic coatings such as paint, enamel, plating, hot-dip galvanizing on steel
- Highly wear resistant probe tip for long life and continuous accuracy
- Lightweight - easy to carry, just like a ball point pen
- Can be used on small, hot or hard-to-reach surfaces

EA

QTY 1

DeFelsko
Inspection Instruments

Tolerance	+/-10% and 2.5 microns
Range	5 to 500 microns
Temperature Range	-100 to + 230° C

DESTRUCTIVE INSPECTION GAUGES

DESTRUCTIVE INSPECTION GAUGES

OG204 PAINT INSPECT GAUGE PLASTIC CASE



Part No. MICROOG204

- Destructive paint gauge for determining layer thickness of dry film coating on substrates such as steel, glass, plastic, concrete and more
- Includes microscope, 3 cutting tips, wrench, plate closure screw, marker, batteries and bulb
- Assessment of substrate conditions and coating adhesion
- Observation of cracking, blistering and other microscopic film symptoms
- Supplied in a plastic carrying case

EA

QTY 1



Weight	225g
Dimensions	115mm x 90mm x 25mm
Magnification	50x
Range	2 to 1270um

CUTTERS



- Spare cutters for the Micro Metrics Paint Inspection Gauge

EA QTY 1

Part No.	Description	Max Thickness	Unit	Qty
MICCUT1270	NO 1 SPARE CUTTER 25-1270UM	1270um	EA	1
MICCUT500	NO 2 SPARE CUTTER 2-500UM	500um	EA	1
MICCUT75	NO 10 SPARE CUTTER 2-75UM	75um	EA	1

POWDER CHECKERS AND ACCESSORIES

POWDER INSPECTION KITS

KITPCF3 POWDER INSPECTION KIT

DeFelsko
Inspection Instruments

Part No. KITPCFC1



- Powder inspection kit including PosiTest PC powder checker and PosiTector 6000 coating thickness gauge (advanced model)
- Supplied with model 1 & 4 powder combs & PosiTector probe suitable for ferrous metals
- Complete solution for measuring powder coating before and after cure
- Solvent, acid, oil, water and dust resistant
- Hard-shell carrying case included

EA QTY 1

Range	20–100um
Resolution	1um
Accuracy	+/-5um
Measurement Time	1–3 seconds
Measurement Distance to Power	17 mm
Measurement Area	2 mm
Note	Range based on TGIC-Free polyester powder
Coating Thickness Probe	6000-F (ferrous only)
PosiTector Body	Standard

KITPCFS3 POWDER INSPECTION KIT

DeFelsko
Inspection Instruments

Part No. KITPCFS3



- Powder inspection kit including PosiTest PC powder checker and PosiTector 6000 coating thickness gauge (advanced model)
- Supplied with model 1 & 4 powder combs & PosiTector probe suitable for ferrous metals
- Complete solution for measuring powder coating before and after cure
- Solvent, acid, oil, water and dust resistant
- Hard-shell carrying case included

EA QTY 1

Range	20–100um
Resolution	1um
Accuracy	+/-5um
Measurement Time	1–3 seconds
Measurement Distance to Power	19 mm
Measurement Area	2 mm
Note	Range based on TGIC-Free polyester powder
Coating Thickness Probe	6000-FS (ferrous only with cable)
PosiTector Body	Advanced

KITPCFN3 POWDER INSPECTION KIT



Part No. KITCFNS1

- Powder inspection kit including PosiTest PC powder checker and PosiTector 6000 coating thickness gauge (advanced model)
- Supplied with model 1 & 4 powder combs and PosiTector probe for ferrous & non-ferrous metals
- Complete solution for measuring powder coating before and after cure
- Solvent, acid, oil, water and dust resistant
- Hard-shell carrying case included

DeFelsko
Inspection Instruments

EA	QTY 1
Range	20–100um
Resolution	1um
Accuracy	+/-5um
Measurement Time	1–3 seconds
Measurement Distance to Power	19 mm
Measurement Area	2 mm
Note	Range based on TGIC-Free polyester powder
Coating Thickness Probe	6000-FN (ferrous/non-ferrous)
PosiTector Body	Standard

KITPCFNS3 POWDER INSPECTION KIT



Part No. KITPCFNS3

- Powder inspection kit including PosiTest PC powder checker and PosiTector 6000 coating thickness gauge (advanced model)
- Supplied with model 1 & 4 powder combs and PosiTector probe for ferrous & non-ferrous metals
- Complete solution for measuring powder coating before and after cure
- Solvent, acid, oil, water and dust resistant
- Hard-shell carrying case included

DeFelsko
Inspection Instruments

EA	QTY 1
Range	20–100um
Resolution	1um
Accuracy	+/-5um
Measurement Time	1–3 seconds
Measurement Distance to Power	19 mm
Measurement Area	2 mm
Note	Range based on TGIC-Free polyester powder
Coating Thickness Probe	6000-FNS (ferrous/non-ferrous with cable)
PosiTector Body	Advanced

POSTEST PC



Part No. PC-B

- Measures uncured powder coatings using non-contact ultrasonic technology to predict a cured thickness
- Improved sensor technology allows easier measurement on small tubes, odd shapes & moving parts
- Dedicated stand-alone unit is ready to measure right out of the box
- Easy-to-read digital display with a simple, icon based menu
- Hard-shell carrying case included

DeFelsko
Inspection Instruments

EA	QTY 1
Range	20–100um
Resolution	1um
Accuracy	+/-5um
Measurement Time	1–3 seconds
Measurement Distance to Power	19 mm
Measurement Area	2 mm
Note	Range based on TGIC-Free polyester powder

POWDER COMBS

DEFELSKO POWDER COMB 3 MODELS EACH



Part No. DEFPOWCOMB

- Measures the thickness of applied dry coating powder before it has been cured
- Helps to avoid stripping and re-coating which can cause problems with coating integrity
- Ideal for set-up and quality control

DeFelsko®
Inspection Instruments

EA QTY 1

Tech Data

INSPECTION KITS

POSITECTOR INSPECTION KITS STANDARD



- Inspection kit includes Standard model gauge body and three probes for measuring coating thickness, environmental and surface profile
- DPM probe measures and records climatic conditions such as air temperature
- SPG probe measures and records peak to valley surface profile heights
- Supplied with hard shell case, manual and other accessories

DeFelsko®
Inspection Instruments

Weight	1.3 kg
Dimensions (case)	30cm (L) x 25cm (W) x 10cm (D)
PosiTector Body	Standard
Environmental Probe	DPM integral probe, measures surface temperature, air temperature, relative humidity, dew point temperature, surface temperature minus dew point temperature
Surface Profile Probe	SPG integral probe for blasted steel
Surface Profile Range	0 – 500um

Part No.	Coating Thickness Probe	Coating Thickness Range	Unit	Qty
KITF1	6000-F integral probe (ferrous substrates only)	0 - 1500um	EA	1
KITFS1	6000-FS probe with cable (ferrous substrates only)	0 - 1500um	EA	1
KITFT1	6000-FT high range integral probe (ferrous substrates only)	0 - 6000um	EA	1
KITFTS1	6000-FTS high range probe with cable (ferrous substrates only)	0 - 6000um	EA	1
KITFN1	6000-FN integral probe (ferrous & non-ferrous substrates)	0 - 1500um	EA	1
KITFNS1	6000-FNS probe with cable (ferrous & non-ferrous substrates)	0 - 1500um	EA	1

POSITECTOR INSPECTION KITS ADVANCED



- Inspection kit includes Advanced model gauge body and three probes for measuring coating thickness, environmental and surface profile
- DPM probe measures and records climatic conditions such as air temperature
- SPG probe measures and records peak to valley surface profile heights
- Supplied with hard shell case, manual and other accessories

DeFelsko®
Inspection Instruments

Weight	1.3 kg
Dimensions (case)	30cm (L) x 25cm (W) x 10cm (D)
PosiTector Body	Advanced
Environmental Probe	DPM integral probe, measures surface temperature, air temperature, relative humidity, dew point temperature, surface temperature minus dew point temperature PLUS wet bulb temperature
Surface Profile Probe	SPG integral probe for blasted steel
Surface Profile Range	0 – 500um

Part No.	Coating Thickness Probe	Coating Thickness Range	Unit	Qty
KITF3	6000-F integral probe (ferrous substrates only)	0 - 1500um	EA	1
KITFS3	6000-FS probe with cable (ferrous substrates only)	0 - 1500um	EA	1
KITFT3	6000-FT high range integral probe (ferrous substrates only)	0 - 6000um	EA	1
KITFTS3	6000-FTS high range probe with cable (ferrous substrates only)	0 - 6000um	EA	1
KITFN3	6000-FN integral probe (ferrous & non-ferrous substrates)	0 - 1500um	EA	1
KITFNS3	6000-FNS probe with cable (ferrous & non-ferrous substrates)	0 - 1500um	EA	1

CASES

CASES

POSITECTOR INSPECTION CASE CASEINSP



Part No. CASEINSP

- Convenient hard shell case for carrying a PosiTector gauge body and multiple probes
- Includes compartments for Certificates of Calibration, instruction manuals and accessories

EA QTY 1

Dimensions 30 (L) x 25 (W) x 10cm (D)

DeFelsko®
Inspection Instruments

POSITECTOR INSPECTION CASE LARGE PELICAN



Part No. CASEINSPL-P

- Large Pelican case complete with foam insert to securely hold a Positector gauge body plus multiple probes and accessories
- Features press & pull latches and padlockable hasps
- Lightweight, watertight & crushproof
- Durable soft-grip handle

EA QTY 1

Dimensions 43.2 (L) x 29.7 (W) x 15.7cm (D)

DeFelsko®
Inspection Instruments

CTG METALS ONLY

POSITECTOR 6000 STANDARD



- Rugged, ready to measure coating thickness gauge with high contrast LCD display and storage of 250 readings per probe
- Sealed USB port for fast, simple connection to a PC or Mac
- Solvent, acid, oil, water and dust resistant—weatherproof
- Standard model with protective rubber holster and belt clip

EA QTY 1

DeFelsko
Inspection Instruments

PosiTector Model	Standard
Weight	140g (without batteries)
Dimensions	137 x 61 x 28mm

Part No.	Technical data	
6000F1E	Probe Style	Integral
	Substrates	Ferrous
	Range	0 - 1500µm
6000FT1E	Probe Style	Integral
	Substrates	Ferrous
	Range	0 - 6mm
6000FS1E	Probe Style	Regular cabled
	Substrates	Ferrous
	Range	0 - 1500µm
6000FTS1E	Probe Style	High-range cabled
	Substrates	Ferrous
	Range	0 - 6mm
6000FTRS1E	Probe Style	90° high-range cabled
	Substrates	Ferrous
	Range	0 - 6mm
6000FXS1E	Probe Style	Regular cabled
	Substrates	Ferrous
	Range	0 - 1500µm
6000FHXS1E	Probe Style	High-range cabled
	Substrates	Ferrous
	Range	0 - 10000µm
6000FRS1E	Probe Style	90° regular cabled
	Substrates	Ferrous
	Range	0 - 1500µm
6000FKS1E	Probe Style	High-range cabled
	Substrates	Ferrous
	Range	0 - 13 mm
6000FLS1E	Probe Style	High-range cabled
	Substrates	Ferrous
	Range	0 - 38 mm
6000F0S1E	Probe Style	0° microprobe
	Substrates	Ferrous
	Range	0 - 1150µm
6000F4S1E	Probe Style	45° microprobe
	Substrates	Ferrous
	Range	0 - 1150µm
6000F9S1E	Probe Style	90° microprobe
	Substrates	Ferrous
	Range	0 - 1150µm
6000F90ES1E	Probe Style	90° extended microprobe
	Substrates	Ferrous
	Range	0 - 1150µm

Part No.	Technical data	
6000N1E	Probe Style	Integral
	Substrates	Non-ferrous
	Range	0 - 1500µm
6000NS1E	Probe Style	Regular cabled
	Substrates	Non-ferrous
	Range	0 - 1500µm
6000NAS1E	Probe Style	Regular cabled
	Substrates	Non-ferrous
	Range	0 - 625µm
6000NRS1E	Probe Style	90° regular cabled
	Substrates	Non-ferrous
	Range	0 - 1500µm
6000NOS1E	Probe Style	0° microprobe
	Substrates	Non-ferrous
	Range	0 - 625µm
6000N4S1E	Probe Style	45° microprobe
	Substrates	Non-ferrous
	Range	0 - 625µm
6000N9S1E	Probe Style	90° microprobe
	Substrates	Non-ferrous
	Range	0 - 625µm
6000NKS1E	Probe Style	High-range cabled
	Substrates	Non-ferrous
	Range	0 - 13mm
6000FN1E	Probe Style	Integral
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 1500µm
6000FNS1E	Probe Style	Regular cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 1500µm
6000FNTS1E	Probe Style	High-range cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 6mm
6000FNGS1E	Probe Style	High-range cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 63.5mm
6000FNRS1E	Probe Style	90° regular cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 1500µm
6000FNDS1E	Probe Style	Regular cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 1500µm

POSITECTOR 6000 ADVANCED



- Rugged, ready to measure coating thickness gauge with high contrast LCD display, live graphing and storage of 100,000 readings
- Sealed USB port and Bluetooth 4.0 wireless data transfer to smart devices
- Solvent, acid, oil, water and dust resistant—weatherproof
- Advanced model with protective rubber holster and belt clip

EA QTY 1

DeFelsko®
Inspection Instruments

PosiTector Model	Advanced
Weight	140g (without batteries)
Dimensions	137 x 61 x 28mm

Part No.	Technical data	
6000F3E	Probe Style	Integral
	Substrates	Ferrous
	Range	0 - 1500µm
6000FT3E	Probe Style	Integral
	Substrates	Ferrous
	Range	0 - 6mm
6000FS3E	Probe Style	Regular cabled
	Substrates	Ferrous
	Range	0 - 1500µm
6000FTS3E	Probe Style	High-range cabled
	Substrates	Ferrous
	Range	0 - 6mm
6000FTRS3E	Probe Style	90° high-range cabled
	Substrates	Ferrous
	Range	0 - 6mm
6000FXS3E	Probe Style	Regular cabled
	Substrates	Ferrous
	Range	0 - 1500µm
6000FHXS3E	Probe Style	High-range cabled
	Substrates	Ferrous
	Range	0 - 10000µm
6000FRS3E	Probe Style	90° regular cabled
	Substrates	Ferrous
	Range	0 - 1500µm
6000FKS3E	Probe Style	High-range cabled
	Substrates	Ferrous
	Range	0 - 13 mm
6000FLS3E	Probe Style	High-range cabled
	Substrates	Ferrous
	Range	0 - 38 mm
6000F0S3E	Probe Style	0° microprobe
	Substrates	Ferrous
	Range	0 - 1150µm
6000F45S3E	Probe Style	45° microprobe
	Substrates	Ferrous
	Range	0 - 1150µm
6000F90S3E	Probe Style	90° microprobe
	Substrates	Ferrous
	Range	0 - 1150µm
6000F90ES3E	Probe Style	90° extended microprobe
	Substrates	Ferrous
	Range	0 - 1150µm

Part No.	Technical data	
6000N3E	Probe Style	Integral
	Substrates	Non-ferrous
	Range	0 - 1500µm
6000NS3E	Probe Style	Regular cabled
	Substrates	Non-ferrous
	Range	0 - 1500µm
6000NAS3E	Probe Style	Regular cabled
	Substrates	Non-ferrous
	Range	0 - 625µm
6000NRS3E	Probe Style	90° regular cabled
	Substrates	Non-ferrous
	Range	0 - 1500µm
6000NOS3E	Probe Style	0° microprobe
	Substrates	Non-ferrous
	Range	0 - 625µm
6000N45S3E	Probe Style	45° microprobe
	Substrates	Non-ferrous
	Range	0 - 625µm
6000N90S3E	Probe Style	90° microprobe
	Substrates	Non-ferrous
	Range	0 - 625µm
6000NKS3E	Probe Style	High-range cabled
	Substrates	Non-ferrous
	Range	0 - 13mm
6000FN3E	Probe Style	Integral
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 1500µm
6000FNS3E	Probe Style	Regular cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 1500µm
6000FNTS3E	Probe Style	High-range cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 6mm
6000FNGS3E	Probe Style	High-range cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 63.5mm
6000FNRS3E	Probe Style	90° regular cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 1500µm
6000FNDS3E	Probe Style	Regular cabled
	Substrates	Ferrous & Non-Ferrous
	Range	0 - 1500µm

CTG METALS ONLY PROBES

PROBES

EA QTY 1

DeFelsko®
Inspection Instruments



Part No.	Features	Technical data	
PRBF	<ul style="list-style-type: none"> F type removeable integral probe for measuring non-magnetic coatings on ferrous metals such as steel or cast iron Ideal for one-handed operation 	Probe Style	Integral
		Substrates	Ferrous
		Range	0 - 1500µm
PRBFT	<ul style="list-style-type: none"> FT type removeable integral probe for measuring thick, non-magnetic protective coatings on ferrous metals Ideal for one-handed operation 	Probe Style	Integral
		Substrates	Ferrous
		Range	0 - 6 mm
PRBFS	<ul style="list-style-type: none"> FS type cabled probe for measuring non-magnetic coatings on ferrous metals such as steel or cast iron Stainless steel, hermetically sealed to be totally waterproof Constant pressure 	Probe Style	Regular cabled
		Substrates	Ferrous
		Range	0 - 1500µm
PRBFRS	<ul style="list-style-type: none"> FRS type 90-degree cabled probe for measuring non-magnetic coatings on ferrous metals such as steel or cast iron Right angle design perfect for applications in confined areas Stainless steel, hermetically sealed to be totally waterproof 	Probe Style	90° regular cabled
		Substrates	Ferrous
		Range	0 - 1500µm
PRBFXS	<ul style="list-style-type: none"> FXS type cabled probe for measuring non-magnetic coatings on rough ferrous metal surfaces Uniquely designed for rugged applications, making it ideal for rough steel Enhanced speed for measuring large surfaces quickly 	Probe Style	Regular cabled
		Substrates	Ferrous
		Range	0 - 1500µm
PRBF0S	<ul style="list-style-type: none"> F0S type microprobe for measuring non-magnetic coatings on ferrous metals in hard to reach areas Small measuring tip ideal for use on small parts and close to edges Quick release adaptor allows for constant pressure on flat or curved parts 	Probe Style	0° microprobe
		Substrates	Ferrous
		Range	0 - 1150µm
PRBF45S	<ul style="list-style-type: none"> F45S type 45-degree microprobe for measuring non-magnetic coatings on ferrous metals in hard to reach areas Small measuring tip ideal for use on small parts and close to edges 	Probe Style	45° microprobe
		Substrates	Ferrous
		Range	0 - 1150µm
PRBF90S	<ul style="list-style-type: none"> F90S type 90-degree microprobe for measuring non-magnetic coatings on ferrous metals in hard to reach areas Small measuring tip and right angle design ideal for use in areas with low headroom 	Probe Style	90° microprobe
		Substrates	Ferrous
		Range	0 - 1150µm
PRBF90ES	<ul style="list-style-type: none"> F90ES type 90-degree extended microprobe for measuring non-magnetic coatings on ferrous metals Right angle design with extended length for areas with low headroom Small measuring tip for use on small parts or close to edges 	Probe Style	90° extended microprobe
		Substrates	Ferrous
		Range	0 - 1150µm
PRBFTS	<ul style="list-style-type: none"> FTS type cabled probe for measuring thick, nonmagnetic coatings on ferrous metals such as steel or cast iron High-range for measuring protective coatings such as epoxy, rubber, concrete liners and more 	Probe Style	High-range cabled
		Substrates	Ferrous
		Range	0 - 6 mm
PRBFTRS	<ul style="list-style-type: none"> FTRS type 90-degree probe for measuring thick, non-magnetic protective coatings on ferrous metals such as steel or cast iron High-range for measuring protective coatings such as epoxy, rubber, concrete liners and more Right angle design for areas with low headroom 	Probe Style	90° high-range cabled
		Substrates	Ferrous
		Range	0 - 6 mm
PRBFHXS	<ul style="list-style-type: none"> FHXS type probe to measure non-conductive coatings on rough steel substrates Alumina wear face and braided cable for rough or hot surfaces up to 250 degrees Celsius 	Probe Style	High-range cabled
		Substrates	Ferrous
		Range	0 - 10000µm
PRBFKS	<ul style="list-style-type: none"> FKS type high-range probe to measure thick, nonmagnetic protective coatings on ferrous metals such as steel or cast iron High-range for measuring protective coatings such as epoxy, rubber, concrete liners and more 	Probe Style	High-range cabled
		Substrates	Ferrous
		Range	0 - 13mm
PRBFLS	<ul style="list-style-type: none"> FLS type probe for measuring intumescent paint and other thick protective coatings on steel Kink-proof, cut resistant, braided stainless steel cable 	Probe Style	High-range cabled
		Substrates	Ferrous
		Range	0 - 38 mm

Part No.	Features	Technical data	
PRBN	<ul style="list-style-type: none"> • N type removeable integral probe for measuring non-conductive coatings on non-ferrous metals such as aluminium or copper • Ideal for one-handed operation 	Probe Style	Integral
		Substrates	Non-ferrous
		Range	0 - 1500µm
PRBNS	<ul style="list-style-type: none"> • NS type cabled probe for measuring non-conductive coatings on non-ferrous metals such as aluminium or copper • Stainless steel, hermetically sealed to be totally waterproof • Constant pressure 	Probe Style	Regular cabled
		Substrates	Non-ferrous
		Range	0 - 1500µm
PRBNAS	<ul style="list-style-type: none"> • NAS type cabled probe for measuring nonconductive coatings on non-ferrous metals • Stainless steel, hermetically sealed to be totally waterproof • Ideal for anonized aluminum 	Probe Style	Regular cabled
		Substrates	Non-ferrous
		Range	0 - 625µm
PRBNRS	<ul style="list-style-type: none"> • NRS type 90-degree probe to measure nonconductive coatings on non-ferrous metals such as aluminium or copper • Right angle design perfect for applications in confined areas with low headroom • Stainless steel, hermetically sealed to be totally waterproof 	Probe Style	90° regular cabled
		Substrates	Non-ferrous
		Range	0 - 1500µm
PRBNOS	<ul style="list-style-type: none"> • NOS type microprobe to measure non-conductive coatings on non-ferrous metals in hard to reach areas • Small measuring tip ideal for use on small parts and close to edges • Quick release adaptor allows for constant pressure on flat or curved parts 	Probe Style	0° microprobe
		Substrates	Non-ferrous
		Range	0 - 625µm
PRBN45S	<ul style="list-style-type: none"> • N45S type 45-degree microprobe to measure nonconductive coatings on non-ferrous metals in hard to reach areas • Small measuring tip ideal for use on small parts and close to edges • Compatible with PosiTector guage bodies 	Probe Style	45° microprobe
		Substrates	Non-ferrous
		Range	0 - 625µm
PRBN90S	<ul style="list-style-type: none"> • N90S type 90-degree microprobe to measure nonconductive coatings on non-ferrous metals in hard to reach areas • Small measuring tip ideal for use on small parts and close to edges • Compatible with PosiTector guage bodies 	Probe Style	90° microprobe
		Substrates	Non-ferrous
		Range	0 - 625µm
PRBNKS	<ul style="list-style-type: none"> • NKS type high-range probe for measuring thick non-conductive coatings on non-ferrous metals • Ideal for thick protective coatings such as epoxy, rubber, concrete liners and more • Compatible with PosiTector guage bodies 	Probe Style	High-range cabled
		Substrates	Non-ferrous
		Range	0 - 13mm
PRBFN	<ul style="list-style-type: none"> • FN type removeable integral probe for measuring coatings on all ferrous and non-ferrous metal substrates • Ideal for one-handed operation 	Probe Style	Integral
		Substrates	Ferrous & non-ferrous
		Range	0 - 1500µm
PRBFNS	<ul style="list-style-type: none"> • FNS type cabled probe for measuring coatings on all ferrous and non-ferrous metal substrates • Stainless steel, hermetically sealed to be totally waterproof • Constant pressure 	Probe Style	Regular cabled
		Substrates	Ferrous & non-ferrous
		Range	0 - 1500µm
PRBFNTS	<ul style="list-style-type: none"> • FNTS type high-range probe for measuring thick protective coatings on all ferrous and non-ferrous metal substrates • Ideal for thick protective coatings such as epoxy, rubber, concrete liners and more 	Probe Style	High-range cabled
		Substrates	Ferrous & non-ferrous
		Range	0 - 6 mm
PRBFNDS	<ul style="list-style-type: none"> • FNDs type cabled probe for measuring duplex coatings on ferrous and non-ferrous metal substrates • Measures the individual thicknesses of the paint and zinc layers in a duplex coating system 	Probe Style	Regular cabled
		Substrates	Ferrous & non-ferrous
		Range	0 - 1500µm
PRBFNRS	<ul style="list-style-type: none"> • FNRS type 90-degree probe for measuring coatings on all ferrous and non-ferrous metal substrates • Right angle design perfect for applications in confined areas with low headroom • Stainless steel, hermetically sealed to be totally waterproof 	Probe Style	90° regular cabled
		Substrates	Ferrous & non-ferrous
		Range	0 - 1500µm
PRBFNGS	<ul style="list-style-type: none"> • FNGS type high-range probe for measuring verythick non-conductive coatings on all metals • Kink-proof, cut resistant, braided stainless steel cable • Ideal for measuring ship hull coatings and thick intumescent paints • Long-lasting, low wear probe face for scanning large surfaces • Includes a handle for easy one-hand operation 	Probe Style	High-range cabled
		Substrates	Ferrous & non-ferrous
		Range	0 - 63.5 mm

CTG NON METALS

POSITECTOR 200 STANDARD



- Ultrasonic gauge non-destructively measures the thickness of coatings or paint on a variety of materials
- Standard model for measuring the total thickness of a coating system
- Transflective monochrome display and storage of 250 readings
- USB port provides fast, simple connection to a PC

EA QTY 1

DeFelsko®
inspection instruments

Weight	140g (without batteries)
Dimensions	135mm x 61mm x 28mm
PosiTector Model	Standard
Power	Alkaline or rechargeable batteries (built-in charger)
Accuracy	+/- (2 um + 3% of reading)
Note	Range limits apply to polymer based coatings only.

Part No.	Probe Type	Range	Coating Thickness Standard
200B1E	B type probe for measuring polymer coating on wood, plastic and more	13-1000um	Part No. STDA3
200C1E	C type probe for measuring coatings on concrete, fiberglass and more	50 to 3800um	Part No. STDP6
200D1E	D type probe for measuring thick, soft coatings such as polyurea and more	50 to 7600um	Part No. STDP1

POSITECTOR 200 ADVANCED



- Ultrasonic gauge non-destructively measures the thickness of coatings or paint on a variety of materials
- Advanced model for measuring total thickness of a coating system or up to 3 individual layers
- High contrast reversible colour LCD display and storage of 100,000 readings
- Data transfer via USB to a PC or Bluetooth to a PC or printer

EA QTY 1

DeFelsko®
inspection instruments

Weight	140g (without batteries)
Dimensions	135mm x 61mm x 28mm
PosiTector Model	Advanced
Power	Alkaline or rechargeable batteries (built-in charger)
Accuracy	+/- (2 um + 3% of reading)
Note	Range limits apply to polymer based coatings only.

Part No.	Probe Type	Range	Coating Thickness Standard
200B3E	B type probe for measuring polymer coating on wood, plastic and more	13-1000um	Part No. STDA3
200C3E	C type probe for measuring coatings on concrete, fiberglass and more	50 to 3800um	Part No. STDP6
200D3E	D type probe for measuring thick, soft coatings such as polyurea and more	50 to 7600um (polyurea range 50 to 5000um)	Part No. STDP1

CTG NON METALS PROBES

PROBES

200B PROBE ONLY SUITS GAUGE SN >600000

Part No. PRB200BC



- PosiTector 200 B model probe for measuring polymer coating on wood, plastic and more
- Compatible with PosiTector gauge bodies
- Measurement range: 13 - 1000 micrometres

EA QTY 1

DeFelsko®
inspection instruments

Accuracy	+/- (2 um + 3% of reading)
Coating Thickness Standard	Part No. STDA3
Range	13 to 1000um
Note	Range limits apply to polymer based coatings only.

200C PROBE ONLY SUITS GAUGE SN >600000

Part No. PRB200CC



- PosiTector 200 C model probe for measuring coatings on concrete, fiberglass and more
- Compatible with PosiTector gauge bodies
- Measurement range: 50 - 3800 micrometres

EA QTY 1

DeFelsko
Inspection Instruments

Accuracy	+/- (2 um + 3% of reading)
Coating Thickness Standard	Part No. STDP6
Range	50 to 3800um
Note	Range limits apply to polymer based coatings only.

200D PROBE ONLY SUITS GAUGE SN >700000

Part No. PRB200DC



- PosiTector 200 D model probe for measuring thick, soft coatings such as polyurea and very thick polymers
- Compatible with PosiTector gauge bodies
- Measurement range: 50 - 7600 micrometres

EA QTY 1

DeFelsko
Inspection Instruments

Accuracy	+/- (2 um + 3% of reading)
Coating Thickness Standard	Part No. STDP1
Range	50 to 7600um (polyurea range 50 to 5000um)
Note	Range limits apply to polymer based coatings only.

POSITECTOR GAUGE BODIES

POSITECTOR BODY EXCLUDING PROBES

BDYSTD-E STD BODY/KIT EXCLUDING PROBE

Part No. BDYSTDE



- Rugged, fully electronic PosiTector gauge body—Standard model
- Compatible with a wide assortment of interchangeable probes to suit a variety of applications
- Solvent, acid, oil, water and dust resistant—weatherproof

EA QTY 1

DeFelsko
Inspection Instruments

Data Storage	250 readings per probe
Power	Alkaline or rechargeable batteries (built-in charger)

BDYADV-E ADV BODY/KIT EXCLUDING PROBE

Part No. BDYADVE



- Rugged, fully electronic PosiTector gauge body—Advanced model
- Compatible with a wide assortment of interchangeable probes to suit a variety of applications
- Solvent, acid, oil, water and dust resistant—weatherproof

EA QTY 1

DeFelsko
Inspection Instruments

Data Storage	100,000 readings in up to 1,000 batches and sub-batches
Power	Alkaline or rechargeable batteries (built-in charger)

ACCESSORIES

BLUETOOTH PRINTER ADV MODELS ONLY

Part No. PRINTERBT



- Prints readings and statistical summaries from Advanced PosiTector models via Bluetooth wireless technology
- Rechargeable Lithium Ion battery with universal AC adaptor
- Compact and lightweight

EA QTY 1

DeFelsko
Inspection Instruments

SMARTLINK



Part No. SMARTLINK

- PosiTector SmartLink and free mobile app turns your cell phone or tablet into a virtual PosiTector gage
- Accepts coating thickness, environmental and surface profile probes
- Lightweight and compact design—uses one AAA battery
- Every reading is instantly transmitted to your smart device
- Intuitive easy-to-use touch screen operation

EA QTY 1

Power 1 x AAA battery

DeFelsko®
Inspection Instruments

CTG METALS ONLY ACCESSORIES

ACCESSORIES

PROBE FOOT RING PACK 2



Part No. PRBFRING

- Probe foot rings are ideal for use on thin, soft coatings to reduce the risk of marking a polished surface
- For use with all PosiTector 6000 regular probes (FS, FTS, NS and FNS)

EA QTY 1

DeFelsko®
Inspection Instruments

COATING THICKNESS STANDARDS

POLYSTYRENE THICKNESS STANDARDS



- Polystyrene thickness standards assist with meeting quality control requirements
- Used to verify the accuracy and operation of coating gauges
- Four blocks supplied in a rugged acrylic storage box

EA QTY 1

Accuracy +/- (2.5um + 0.05% of thickness)

DeFelsko®
Inspection Instruments

Part No.	Ideal For	Blocks Included	Dimensions
STDP1	PosiTector 6000 FT, FTS, NTS, FNTS, FTRS / PosiTector 200 D	375um, 2mm, 4.5mm, 6.5mm	38 x 70mm
STDP2	PosiTector 6000 FHS, NHS, EOC	2.5mm, 6.5mm, 13mm, 19mm	38 x 70mm
STDP5	PosiTector 6000 FKS, NKS	1.5mm, 2.5mm, 6.5mm, 12mm	38 x 70mm
STDP6	PosiTector 200 C	375um, 1.5mm, 2.5mm, 3mm	38 x 70mm
STDP7	PosiTector 6000 FHXS	1.5mm, 4.5mm, 6.5mm, 9.5mm	38 x 70mm
STDP8	PosiTector 6000 FNGS, FLS	13mm, 13mm, 13mm, 19mm	76 x 76mm

THICKNESS STANDARDS



- Coating thickness standards assist with meeting quality control requirements
- Used to verify the accuracy and operation of coating gauges

EA QTY 1

DeFelsko
Inspection Instruments

Accuracy	+/- 0.43um
Plate Diameter	38mm
Measurement Diameter	25mm

Part No.	Ideal For	Plates Included	Coating/Substrate
STDS1	PosiTector 6000 F, FS, FRS, FN, FNS, FNRS, FXS, FNDS / PosiText F & M	0, 75um, 250um, 1500um	Epoxy on Steel (Ferrous)
STDS2	PosiTector 6000 F02, F45S, F90S, F90ES / PosiTest DFT Ferrous & Combo	0, 75um, 250um, 1000um	Epoxy on Steel (Ferrous)
STDS3	PosiTest G & GM / PosiPen A, B & C	0, 15um, 40um, 100um	Epoxy on Steel (Ferrous)
STDA1	PosiTector 6000 N, NS, NRS, FN, FNS, FNRS, FNDS	0, 75um, 250um, 1500um	Epoxy on Aluminium (Non-Ferrous)
STDA2	PosiTector 6000 NAS, NOS, N45S, N90S / PosiTest DFT Combo	0, 75um, 250um, 500um	Epoxy on Aluminium (Non-Ferrous)
STDA3	PosiTector 100B, 200, 200B	75um, 125um, 250um, 500um	Epoxy on Aluminium (Non-Ferrous)

WORKING FILMS AND CERT STANDARDS

PCWI WORKING FILMS



- Used for calibrating and checking the accuracy of digital coating thickness gauges and instruments (not for manual magnetic gauges)
- These are working films and aren't supplied with a report

Part No.	Description	Films Include	Unit	Qty
WRKFILMPLATESET	WORKING FILMS SET OF 6	12, 25, 30, 50 & 75um	EA	1
WRKFILMPOWDSET	WORKING FILMS SET OF 6	25, 35, 50, 75, 100 & 125um	EA	1
WRKFILMINDUSTSET	WORKING FILMS SET OF 6	50, 75, 125, 250, 500 & 1000um	EA	1

CERTIFIED FILMS

PCWI

CERT FILMS SET OF 6



Part No. CERTFILMSET6

- Used for calibrating and checking the accuracy of digital coating thickness gauges and instruments (not for manual magnetic gauges)
- These certified films are available in sets containing 6 films to the thicknesses you require

EA QTY 1

Available Thicknesses	2, 4, 6, 8, 10, 12, 19, 25, 30, 35, 50, 75, 100, 125, 190, 250, 350, 400, 500, 1000, 1500, 3000, 4500, 6000, 10,000, 12,500um
Accuracy	+/-0.6um up to 6000um, +/- 0.8um up to 12,500um

CERTIFIED STANDARDS

PCWI



- Used for calibrating and checking the accuracy of all gauges and instruments
- Consists of a zero and four coated plates in a leatherette folder



Part No.	Description	Type	Unit	Qty
FSTDTHR5PL	F STAND 5 PLATE	Ferrous	EA	1
FHDSTD5PL	F STAND 5 PLATE HD	Ferrous	EA	1
NFSTD5PL	NF STAND 5 PLATE	Non-Ferrous	EA	1

ZERO PLATES

PCWI



- Used for setting a benchmark zero on your digital coating thickness/paint gauge
- Use under calibration films



Part No.	Description	Material	Dimensions	Unit	Qty
FZEROPLATE35	F ZERO PLATE 35 X 35MM	Steel (ferrous)	35 x 35mm	EA	1
NFZEROPLATE35	NF ZERO PLATE 35 X 35MM	Aluminium (non-ferrous)	35 x 35mm	EA	1
FZEROPLATE43	F ZERO PLATE 43 X 43MM	Steel (ferrous)	43 x 43mm	EA	1
ZEROPLATE75	ZERO PLATE 75 X 75	Aluminium (non-ferrous)	75 x 75mm	EA	1

ADDITIONAL PLATES

PCWI

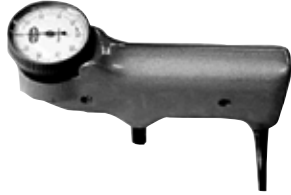


Part No.	Description	Unit	Qty
PLATE550MLESS	COATED PLATE < 550UM	EA	1
PLATE550MPLUS	COATED PLATE > 550UM	EA	1

DUROMETERS FOR SOFT PLASTICS/SOFT METALS

BARCOL HARDNESS TESTERS

HARDNESS FIBREGLASS BARCOL 934



Part No. BARC934

- Portable, easy to use Barcol hardness tester for materials such as fibreglass, hard plastics, aluminium and its alloys, brass and copper
- Hardness is instantly indicated on the dial, divided into 100 graduations
- Best suited for testing homogeneous materials
- Records 35 to 100 Barcol

EA QTY 1

Weight	500g
Range	35 to 100 Barcol

HARDNESS COATINGS BARCOL 935



Part No. BARC935

- Portable, easy to use Barcol hardness tester for coatings of at least 700 micrometres thickness, soft plastics and other soft materials
- Hardness is instantly indicated on the dial, divided into 100 graduations
- Best suited for testing homogeneous materials
- Records 22 to 87 Barcol

EA QTY 1

Weight	500g
Range	22 to 87 Barcol

BARCOL ACCESSORIES



Part No.	Description	Unit	Qty
934DISC4348	BARCOL 934 SPARE TEST DISC 43-48	EA	1
934DISC8789	BARCOL 934 SPARE TEST DISC 87/89	EA	1
934DISC34	PCWI 934 SPARE TEST DISC 34.5	EA	1
934DISC63	PCWI 934 SPARE TEST DISC 63	EA	1
934DISC82	PCWI 934 SPARE TEST DISC 82.5	EA	1
934DISCSET	PCWI SPARE SET 3 DISCS FOR BARCOL 934 SIZES: 34.5, 63 & 82.5	EA	1
935DISC82	PCWI BARCOL 935 SPARE TEST DISC 82.5	EA	1
935DISC8789	BARCOL 935 SPARE TEST DISC 87-89	EA	1

BARCOL SPARE PARTS

SPARE NEEDLE FOR 934 & 935

Part No. INDENT934/935

EA QTY 1

- Replacement indenter point to suit Barcol 934 and 935 material hardness testers



DUROMETERS FOR METAL

LANYU HARDNESS TESTERS

THL280PLUS W/ DEVICE D SEP IMPACT DEVICE



Part No. LATHA280D

- Metal hardness tester with memory of 600 groups of data, lower limit setting and alarm
- Includes unit, impact device D, test block type D, cleaning brush, support ring, case & more
- Hardness scale: HL, HB, HRB, HRC, HRA, HV, HS
- D impact device used to read HB values for measuring cast steel work piece
- LCD display with back-light

EA QTY 1

Weight	300g
Dimensions	125 x 67 x 31mm
Continuous Working Time	Approximately 100 hours
Hardness Scale	HLD, HB, HRB, HRC, HRA, HV, HS
Range	HLD (170~960)
Operating Temperature	0°C to 40°C
Accuracy	+/-6HLD up to 760 HLD +/-30 HLD >760 HLD
Power	Rechargeable Lithium Ion battery 3.7V/600mA
Memory	32 Readings/Batch, Max 600 batches

THL280 D IMPACT DEVICE



Part No. IMPACTDDEVICE

- D type impact device for LANYU THL280 Plus digital metal hardness tester
- HB values can be read directly when D impact device is used to measure cast steel work piece

EA QTY 1

Min. work piece thickness	5mm
Max. work piece hardness	996HV

SUPPORT RINGS



Part No.	Application	Unit	Qty
UNSUPPORTR	UNIVERSAL SUPP RING CYL OUTSIDE SURFACE	EA	1
SMSUPPORTR	SMALL SUPPORT RING FOR FLAT SURFACES	EA	1
LRGSUPPORTR	LARGE SUPPORT RING FOR FLAT SURFACES	EA	1

CONVEX SUPPORT RINGS

EA QTY 1



Part No.	Application	Size
CONVHZ1113	Hardness tester supporting ring for testing on cylindrical inside surfaces	R10-R15
CONVHZ12517	Hardness tester supporting ring for testing on cylindrical inside surfaces	R12.5-R17
CONVHZ16530	Hardness tester supporting ring for testing on cylindrical inside surfaces	R16.5-R30
CONVHK1113	Hardness tester supporting ring for testing spherical inside surfaces	SR11-SR13
CONVHK12517	Hardness tester supporting ring for testing spherical inside surfaces	SR12.5-SR17
CONVHK16530	Hardness tester supporting ring for testing spherical inside surfaces	SR16.5-SR30
CONCZ1015	Hardness tester supporting ring for testing cylindrical outside surfaces	R10-R15
CONCZ14530	Hardness tester supporting ring for testing cylindrical outside surfaces	R14.5-R30
CONCZ2550	Hardness tester supporting ring for testing cylindrical outside surfaces	R25-R50
CONCK1015	Hardness tester supporting ring for testing spherical outside surfaces	SR10-SR15
CONCK14530	Hardness tester supporting ring for testing spherical outside surfaces	SR14.5-SR30

DUROMETERS FOR NON METALLIC MATERIALS

POSITECTOR DUROMETERS



- Measures the hardness of non-metallic materials, with HiLo alarm to audibly and visibly alert when measurements exceed user-specified limits
- Easy-to-read digital display and protective rubber holster with belt clip

EA QTY 1

DeFelsko
Inspection Instruments

Weight	185g (without batteries)
Dimensions	137 x 61 x 28 mm
Accuracy	+/- 1
Resolution	0.1

Part No.	PosiTector Body	Measuring Range	Application
SHDA1	Standard	0 - 100 Shore A	Soft to hard materials such as soft rubber, elastomers, neoprene, silicone, etc
SHDA3	Advanced	0 - 100 Shore A	Soft to hard materials such as soft rubber, elastomers, neoprene, silicone, etc
SHDD1	Standard	0 - 100 Shore D	Medium to extra hard materials such as hard rubber, epoxies, hard plastics, PVC, acrylic, etc.
SHDD3	Advanced	0 - 100 Shore D	Medium to extra hard materials such as hard rubber, epoxies, hard plastics, PVC, acrylic, etc.

POSITECTOR DUROMETERS PROBES

SHORE A PROBE ONLY

Part No. SHDAPRB



- Shore A type Durometer probe comprised of stainless steel finger grip, indenter and presser foot
- Suitable for hard materials such as soft rubber, elastomers, neoprene, silicone and more
- Compatible with PosiTector gauge bodies

EA QTY 1

DeFelsko
Inspection Instruments

Application	Soft to hard materials such as soft rubber, elastomers, neoprene, silicone, etc
Measuring Range	0 - 100 Shore A
Accuracy	+/- 1
Resolution	0.1

SHORE D PROBE ONLY



Part No. SHDDPRB

- Shore D type Durometer probe comprised of stainless steel finger grip, indenter and presser foot
- Suitable for medium to extra hard materials such as hard rubber, epoxies, PVC, acrylic and more
- Compatible with PosiTector gauge bodies

EA QTY 1

DeFelsko®
Inspection Instruments

Application	Medium to extra hard materials such as hard rubber, epoxies, hard plastics, PVC, acrylic, etc.
Measuring Range	0 - 100 Shore D
Accuracy	+/- 1
Resolution	0.1

POL DUROMETERS

POL DIGITAL DUROMETER SCALE A



Part No. POLDUROA

- Suitable for measuring the hardness of vulcanized rubber, natural rubber, nitriles, thermoplastic elastomers, wax, felt, leathers and more
- Multiple measurement options: averaging mode, max mode and max-average mode
- Large easy to read LCD display with backlight
- Measuring range: 0 to 100HD

EA QTY 1

Weight	170g
Dimensions	150 x 50.5 x 29cm
Operating Temperature	-10 to 40°C
Resolution	0.1 H
Accuracy	≤ +/- 1 H
Power	1.5V*3 (AAA Alkaline Batteries)
Memory	500 Readings

POL DIGITAL DUROMETER SCALE D



Part No. POLDUROD

- Suitable for measuring the hardness of hard rubber, thermoplastics, elastomers, harder plastics and rigid thermoplastics
- Multiple measurement options: averaging mode, max mode and max-average mode
- Large easy to read LCD display with backlight
- Measuring range: 0 to 100HD

EA QTY 1

Weight	170g
Dimensions	150 x 50.5 x 29cm
Operating Temperature	-10 to 40°C
Resolution	0.1 H
Accuracy	≤ +/- 1 H
Power	1.5V*3 (AAA Alkaline Batteries)
Memory	500 Readings

MOISTURE METERS

PROTIMETER MOISURE METERS

TIMBERMASTER STD W/HD PROBE/POUCH



Part No. TIMB5609

- Advanced moisture meter specifically designed for the timber industry
- Supplied with heavy duty moisture probe
- Built in wood calibration scales for 150 wood species
- Large LCD for ease of use in all conditions

EA QTY 1

PROTIMETER

Weight	228g (without batteries)
Dimensions	19cm x 6.5cm x 3.5cm
Operating Temperature	0°C to 50°C
Power	9V alkaline 550mAh

TIMBERMASTER PLUS HD & TEMP PROBE/POUCH



Part No. TIMB5605

- Advanced moisture meter specifically designed for the timber industry
- Supplied with heavy duty moisture probe and temperature probe
- Built in wood calibration scales for 150 wood species
- Large LCD for ease of use in all conditions

EA QTY 1



Weight	228g (without battery)
Dimensions	19cm x 6.5cm x 3.5cm
Operating Temperature	0 to 50°C
Humidity	0 to 90% RH, non-condensing
Power	9V- Alkaline 550mAh

TIMBERMASTER TEMPERATURE PROBE



Part No. TIMB5059

- When temperature probe is connected to a TimberMaster the measured moisture value is automatically corrected for the effect of temperature
- Recommended when the timber is significantly above or below 20 degrees Celsius

EA QTY 1



SURVEYMASTER INCL DEEP WALL PROBES



Part No. SURV5365

- Surveymaster measures moisture in buildings and other structures both on and below the surface
- Includes 127mm (5") wall probes and HD MC probe
- Supplied with wood calibration chart, pin calibration check and soft pouch
- Rugged construction, large backlit display
- Instant readings in a wide range of building materials

EA QTY 1



Weight	225g
Dimensions	190mm x 70mm x 49mm
Power	1 x 9V 6F22R
Range	70 to 999 relative (non-invasive) Dry (green): 70 - 169 At risk (yellow): 170 - 199 Wet (red): 200 - 999.
	7.9% to 99% WME (pin measurement) Dry (green): 7-16.9 At Risk (yellow): 17-19.9 Wet (red): 20-99.9

AQUANT FIBREGLASS ETC



Part No. AQUA5765

- Non-invasive rapid test moisture meter for a wide range of building and construction materials
- Measures up-to 19mm (3/4") below the surface
- Dual LCD and LED display for easy reading
- Not adversely affected by surface moisture such as condensation
- Audible tone, hold feature and adjustable auto-off

EA QTY 1



Weight	100g
Dimensions	175mm x 48mm x 50mm
Power	9V (supplied)
Depth of Moisture	Up to 19mm
Range	Non-invasive (RF) 70 to 999 Dry (green): 70 - 169, At risk: 170 - 199, Wet (red): 200 - 999.

MINI



Part No. MINI5702

- The Digital Mini is a portable pin type moisture meter for assessing building moisture levels
- Instant readings in a wide range of building materials
- Rugged construction, large backlit digital display
- Easy-to-use, allows rapid assessment of building moisture

EA QTY 1



Weight	225g (including batteries)
Dimensions	190mm x 70mm x 49mm
Power	9V battery (supplied)
Depth of Moisture	Pin up to 12.7mm
Range	7.9% to 99% WME (pin measurement) Dry (green)-7-16.9, At Risk (yellow) 17-19.9, Wet (red) — 20-99.9

BLE ENVIROMENTAL LOGGER



Part No. BLELOGGER

- Compact device that measures and logs relative humidity, temperature and moisture content in building materials such as wood and drywall
- Bluetooth low energy (BLE) technology, range up to approximately 10 metres
- Early warning of potential mould problems
- Data logs up to 1,000 readings

EA QTY 1



Weight	60g
Dimensions	53 mm x 67 mm x 23 mm
Operating Temperature	-20°C to +50°C
Bluetooth Range	Up to 10 metres
Power	Battery CR2450 (replaceable)

HYGROMASTER2 W/ SHORT QUICKSTICK & CASE



Part No. HYGRO7751

- The hand-held Hygromaster 2 with short QuikStick probe is designed for general hygrometry measurement applications
- Applications include flood damage restoration, building survey and HVAC test and measurement
- Simple to use interface, displays infrared non-contact surface temperature
- Fast and highly accurate temperature and humidity response
- Performs psychrometric calculations and logs data

EA QTY 1



Weight	277g
Dimensions	178mm x 81mm x 38mm
Display	2" TFT colour display, 176 x 220, 256K colour
Power	9V Alkaline

HYGROMASTER2 W/ HYGROSTICK & CASE



Part No. HYGRO7750

- The hand-held Hygromaster 2 with HygroStick probe is designed for high RH harsh environments applications such as ERH concrete floor measurement
- Applications include flood damage restoration, building survey and HVAC test and measurement
- Simple to use interface, displays infrared non-contact surface temperature
- Fast and highly accurate temperature and humidity response
- Performs psychrometric calculations and logs data

EA QTY 1



Weight	277g
Dimensions	178mm x 81mm x 38mm
Display	2" TFT colour display, 176 x 220, 256K colour
Power	9V Alkaline

HYGROMASTER2 W/ EXT LD/SLEEVES/HYGROSTK



Part No. HYGRO7758

- Hygromaster2 including extension lead, sleeves and Hygrostick
- Applications include flood damage restoration, building survey and HVAC test and measurement
- Simple to use interface, displays infrared non-contact surface temperature
- Fast and highly accurate temperature and humidity response
- Performs psychrometric calculations and logs data

EA QTY 1



Weight	277g
Dimensions	178 x 81 x 38mm
Display	2" TFT colour display, 176 x 220, 256K colour
Power	9V Alkaline battery

HYGROMASTER2 W/ EXT LD/RH BOX/HYGROSTICK



Part No. HYGRO7759

- Hygromaster2 including extension lead, humidity box and Hygrostick
- Applications include flood damage restoration, building survey and HVAC test and measurement
- Simple to use interface, displays infrared non-contact surface temperature
- Fast and highly accurate temperature and humidity response
- Performs psychrometric calculations and logs data

EA QTY 1



Weight	277g
Dimensions	178 x 81 x 38mm
Display	2" TFT colour display, 176 x 220, 256K colour
Power	9V Alkaline battery

HYGROMASTER2 + SURVEYMASTER IN CASE



Part No. HYGRO7714SM

EA QTY 1



- Convenient bundle containing Surveymaster and Hygromaster 2 meters, deep wall probes and heavy-duty moisture probe in a thermoformed case
- Surveymaster measures moisture in buildings and other structures both on and below the surface
- Surveymaster works on search mode (radio frequency) and measure mode (pins)
- Hygrometer 2 provides fast and accurate temperature and humidity response
- Simple to use interface with large digital display

HYGROMASTER2 + MINI IN THERMOFORMED CASE



Part No. HYGRO7714DM

EA QTY 1



- Convenient bundle containing Hygromaster 2 meter, Digital Mini Kit and moisture probe in a thermoformed case
- The Digital Mini is a portable pin type moisture meter for assessing building moisture levels
- Digital Mini provides instant readings in a wide range of building materials
- Hygrometer 2 provides fast and accurate temperature and humidity response
- Simple to use interface with large digital display

HYGROMASTER2 + AQUANT IN CASE

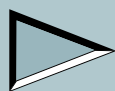


Part No. HYGRO7714AQO

EA QTY 1



- Convenient bundle containing Hygromaster 2 meter and Aquant Kit in a thermoformed case
- The Aquant locates moisture quickly in a range of materials with a unique RF measurement system
- The Aquant is non-invasive and not adversely affected by surface moisture
- Hygrometer 2 provides fast and accurate temperature and humidity response
- Simple to use interface with large digital display



DUAL METER KITS



HYGROMASTER 2

Features

- Infrared non-contact surface temperature
- Psychrometric Calculations
- Data logging
- Simple to use interface with cold display

Technical Data

Weight	227g
Dimensions	178 x 81 x 38mm
Display	2" TFT colour display 176 x 220 x256k colour
Batteries (included)	9V Alkaline
Data Storage	Store up to 8,000 results (6100 with auto logging)



SURVEYMASTER

See page 34 for more information
Part No. SURV5365



DIGITAL MINI

See page 35 for more information
Part No. MINI5702



AQUANT

See page 34 for more information
Part No. AQUA5765



HYGRO7714SM



HYGRO7714DM



HYGRO7714AQO

MMS2 MOISTURE METER



Part No. MMS28800

- Basic kit contains instrument and basic accessories including Quikstick ST humidity probe, HD MC probe and cal check
- Full building moisture diagnostics on easy-to-use instrument
- Store up to 8,000 results with date and time stamp
- Intuitive user interface with colour screen and data logging
- Supplied in a canvas carry pouch

EA QTY 1



Weight	283g
Dimensions	190.5 x 94 x 56mm
Display	Colour LCD
Power	9V batteries
Maximum Needle Depth	10mm
Contents	Basic kit; instrument, short Quikstick, HD MC probe, pin calibration check and instructions in a soft pouch

MMS2 MOISTURE METER WITH SOFTWARE



Part No. MMS28800C

- Standard kit contains instrument and basic accessories including Quikstick ST humidity probe, HD MC probe and cal check plus software
- Full building moisture diagnostics on easy-to-use instrument
- Store up to 8,000 results with date and time stamp
- Intuitive user interface with colour screen and data logging
- Supplied in a hard carry case

EA QTY 1



Weight	283g
Dimensions	190.5 x 94 x 56mm
Display	Colour LCD
Power	9V batteries
Maximum Needle Depth	10mm
Contents	Standard kit; instrument, short Quikstick, HD MC probe, pin calibration check, instructions, software and cable in hard carry case

MMS2 MOISTURE METER WITH SOFTWARE



Part No. MMS28800S

- Basic survey kit contains instrument and basic accessories plus extras including Hygrostick and software
- Full building moisture diagnostics on easy-to-use instrument
- Store up to 8,000 results with date and time stamp
- Intuitive user interface with colour screen and data logging
- Supplied in a canvas carry pouch

EA QTY 1



Weight	283g
Dimensions	190.5 x 94 x 56mm
Display	Colour LCD
Power	9V batteries
Maximum Needle Depth	10mm
Contents	Basic survey kit; instrument, short Quikstick, Hygrostick, extension Lead, HD MC probe, 127mm deep wall probes, pin calibration check, instructions, software and cable in a soft pouch

MMS2 MOISTURE METER WITH SOFTWARE



Part No. MMS28800CS

- Survey kit contains instrument, basic accessories plus extras including deep wall probes, surface temperature sensor and more
- Full building moisture diagnostics on easy-to-use instrument
- Store up to 8,000 results with date and time stamp
- Intuitive user interface with colour screen and data logging
- Supplied in a hard carry case

EA QTY 1



Weight	283g
Dimensions	190.5 x 94 x 56mm
Display	Colour LCD
Power	9V batteries
Maximum Needle Depth	10mm
Contents	Survey kit; instrument, short Quikstick, Hygrostick, extension lead, HD MC probe, 127mm deep wall probes, plug in surface temp sensor, pin calibration check, instructions, software and cable in a hard carry case

MMS2 MOISTURE METER WITH SOFTWARE



Part No. MMS28800CR

- Restoration kit contains instrument, basic accessories plus extras including deep wall probes, hammer electrode and more
- Full building moisture diagnostics on easy-to-use instrument
- Store up to 8,000 results with date and time stamp
- Intuitive user interface with colour screen and data logging
- Supplied in a hard carry case

EA QTY 1



Weight	283g
Dimensions	190.5 x 94 x 56mm
Display	Colour LCD
Power	9V batteries
Maximum Needle Depth	10mm
Contents	Restoration kit; instrument, short Quickstick, HD hammer probe, hammer pins (4), 127mm deep wall probes, pin calibration check, instructions, software and cable in hard carry case

MMS2 ACCESSORIES



Part No.	Description	Unit	Qty
7758	MMS2 SOFTWARE KIT AND USB CABLE	EA	1
5804	MMS SURFACE TEMPERATURE SENSOR	EA	1
8755	30CM RH & TEMP PROBE MMS2/HYGROMASTER2	EA	1

HYGROSTICKS AND ACCESSORIES



Part No.	Description	Unit	Qty
8751	MMS2 & HYGROMASTER2 QUICKSTICK - SHORT	EA	1
4750	HYGROSTICK SINGLE	EA	1
4750C	HYGROSTICK PK 5	EA	1
47555	MINI HYGROSTIK W/ TRACEABLE CERT PK5	EA	1
5806	EXTENSION LEAD MINI HYGROSTICK	EA	1
5802	HYGROSTICK EXTENSION LEAD 800MM	EA	1
500	NEEDLES 1IN - PACK OF 20	EA	1
5808	HYGROMASTER & MMS2 SURFACE TEMP SENSOR	EA	1
8750	QUICKSTICK - LONG MMS/HYGROMASTER	EA	1

POUCHES



Part No.	Description	Unit	Qty
8800	POUCH FOR MMS2	EA	1
85123	POUCH SURVEYMASTER OLD & TIMBERMASTER	EA	1
5365	POUCH FOR SURVEYMASTER NEW	EA	1
580001	POUCH FOR MMS OLD	EA	1
8512	POUCH POCKET INSTRUMENT MINI & AQUANT	EA	1

PROBES



- Deep wall probes establish the presence of moisture in wall cavity insulation, sub and surface structures



Part No.	Description	Size	Unit	Qty
5018	PROBES DEEP WALL (127MM)	127mm	EA	1
5020	PROBES DEEP WALL (240MM)	240mm	EA	1
5019	PROBES DEEP WALL (360MM)	360mm	EA	1



- 2-pin probe suitable for Protimeter mini moisture meters including the Digital Mini



Part No.	Description	Unit	Qty
5079	PROBE & LEAD FOR MINIS TWO PIN HEAD	EA	1
5060	PROBE & LEAD - JACK HEAVY DUTY PROBE	EA	1

ELECTRODES



- To suit the following range of Protimeter Moisture Meters: TimberMaster, Mini, Surveymaster, SM, SME, MMS and MMS+
- Spare coated pins available, part number 529

Part No.	Description	Unit	Qty
5000	HAMMER ELECTRODE	EA	1
529	HAMMER ELECTRODE NEEDLES 65MM LONG PK10	EA	1

HUMIDITY SLEEVES



Part No.	Description	Unit	Qty
4750HS-020	HUMIDITY SLEEVES LONG MMS/HYGROMASTER	EA	1
4750HS-050	HUMIDITY SLEEVES LONG MMS/HYGROMASTER	EA	1
4750HS-100	HUMIDITY SLEEVES LONG MMS/HYGROMASTER	EA	1
4902	HUMIDITY SLEEVES PK 20 SHORT	EA	1
4711	HUMIDITY BOX	EA	1

BATTERY COVERS



Part No.	Description	Unit	Qty
2000BAT	BATTERY COVER NEW MINI & TIMBERMASTER	EA	1
8800BATCAP	BATTERY COVER FOR MMS2	EA	1
5300BC	BATTERY COVER FOR OLD MINI	EA	1

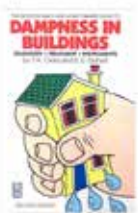
BOOK DAMPNESS

BOOK DAMPNESS IN BUILDINGS

Part No. BOOKDMP

EA

QTY 1



CALIBRATION CHECK DEVICE

CALIBRATION CHECK DEVICE

Part No. 5086

EA

QTY 1



- Calcheck device to verify correct calibration of Measure Mode for pin moisture meters

CAPS



Part No.	Description	Unit	Qty
512	CAP FOR HEAVY DUTY PROBE	EA	1
5300CAP	CAP FOR MINIFTS OLD ORIGINAL	EA	1
8800CAP	CAP FOR MMS2	EA	1
2000CAP	CAP SURVEYMASTER MINI 2000 & T/MASTER	EA	1

FLOORING KITS AND ACCESSORIES

MMS2 FLOOR KITS

MMS2 FLOORING KIT



Part No. MMS28800FL

- Allows flooring inspectors to make moisture measurements in concrete floor slabs using the relative humidity in-situ probe method
- Kit includes MMS2 instrument, mini Hygrostick probes, humidity sleeves, software and more
- Incorporates non-invasive and pin moisture measurement
- Performs psychrometric calculations and logs data
- Supplied in a durable, easy to carry case

EA QTY 1



Weight	283g
Dimensions	190.5 x 94 x 56mm
Display	Colour LCD
Power	9V batteries
Maximum Needle Depth	10mm

FLOORING KIT WITHOUT MMS2 METER



Part No. MMS24755KIT

- Contains a number of accessories for moisture measurement in concrete floor slabs using the relative humidity in-situ probe method
- Kit includes mini Hygrostick probes, humidity sleeves, salts calibration test bottle and more
- Accessory kit only, MMS2 meter not included
- Supplied in a durable, easy to carry case

EA QTY 1



MMS2 FLOOR ACCESSORIES

STD CHUCK MASONRY DRILL BIT 3/4 IN



Part No. 34DR

- Drill bit designed for drilling the correct depth holes into a concrete slab

EA QTY 1



DRILL BIT STOP COLLAR 3/4 INCH



Part No. 34DRCLR

- Stop collar to assist with drilling the correct depth holes into a concrete slab

EA QTY 1



HEX L KEY 5/32 INCH

Part No. 34DRCLRK

- Allen key to suit stop collar

EA QTY 1



WIRE BRUSH 3/4 INCH

Part No. 4653

EA

QTY 1



- Designed for cleaning out a drilled hole
- Recommend for use in conjunction with a properly filtered industrial grade vacuum



SALT CALIBRATION CHECK ADAPTOR

Part No. 4790AD

EA

QTY 1



- Adaptor for use with the salts calibration test bottle



SALT CALIBRATION CHECK 75 RH

Part No. 4790

EA

QTY 1



- Allows users to check the humidity probe calibration at 75% RH



EXTRACTOR TOOL

Part No. 4755EX

EA

QTY 1



- Insertion and extraction tool for placing and removing mini Hygrostick sensors in and out of sleeves





- For insertion into concrete slabs allowing measurement at 40% depth of concrete
- Sleeves adjustable from 4" (101mm) to 6" (153mm) slab thicknesses

Part No.	Description	Unit	Qty
465020	20 PACK OF ADJUSTABLE SLEEVES	EA	1
465050	50 PACK OF ADJUSTABLE SLEEVES	EA	1
4650100	100 PACK OF ADJUSTABLE SLEEVES	EA	1

HARD CASE WITH FOAM - VOLUMES TO 9KG



Part No. 5916

EA QTY 1

- Secures your flooring kit in one rugged, easy to carry case

CONCRETE MOISTURE METERS

DEFELSKO CMM KITS

CMM IS BASIC KIT



Part No. CMMISKITB

EA QTY 1

- Basic Kit consists of 3 each CMM IS probes, saturated salt solutions, calibration check chambers and caps
- Kit also includes extraction tool, tape measure and ten coin cell batteries
- Probe measures relative humidity and temperature in concrete floor slabs
- Probe remains on and broadcasting via Bluetooth for up to three weeks
- Use with the free PosiTector app to analyse and report data

Temperature Range	0 to +80 °C
Accuracy (Temperature)	+/-0.5 °C
Resolution	0.1 °C/0.1%
Accuracy (Humidity)	10 to 90%: +/-2% / > 90%: +/-3% (0 - 65 °C)

CMM IS COMPLETE KIT



Part No. CMMISKITC

EA QTY 1

- Complete Kit consists of 5 each CMM IS probes, saturated salt solutions, calibration check chambers and caps
- Kit also includes extraction tool, vacuum attachments, hard case and ten coin cell batteries
- Probe measures relative humidity and temperature in concrete floor slabs
- Probe remains on and broadcasting via Bluetooth for up to three weeks
- Use with the free PosiTector app to analyse and report data

Temperature Range	0 to +80 °C
Accuracy (Temperature)	+/-0.5 °C
Resolution	0.1 °C/0.1%
Accuracy (Humidity)	10 to 90%: +/-2% / > 90%: +/-3% (0 - 65 °C)

CMM IS PRO KIT



Part No. CMMISKITP3E

- Pro Kit consists of 5 each CMM IS probes, saturated salt solutions, calibration check chambers and caps PLUS the PosiTector DPM Advanced model
- Kit also includes extraction tool, vacuum attachments, hard case and ten coin cell batteries
- Probe measures relative humidity and temperature in concrete floor slabs
- Probe remains on and broadcasting via Bluetooth for up to three weeks
- Use with the free PosiTector app to analyse and report data

EA QTY 1

DeFelsko®
Inspection Instruments

Temperature Range	0 to +80 °C
Accuracy (Temperature)	+/-0.5 °C
Resolution	0.1 °C/0.1%
Accuracy (Humidity)	10 to 90%: +/-2% / > 90%: +/-3% (0 - 65 °C)

CMM EXPANSION PACKS

DeFelsko®
Inspection Instruments



Part No.	Description	Features	Unit	Qty
CMMIS1PK	CMM IS EXPANSION 1 PACK	Expansion pack includes an additional CMM IS probe, calibration check chamber, saturated salt solution and cap plus 2 coin cell batteries	EA	1
CMMIS4PK	CMM IS EXPANSION 4 PACK	Expansion pack includes 4 each CMM IS probes, calibration check chambers, saturated salt solutions and caps plus 10 coin cell batteries	EA	1
CMMIS16PK	CMM IS EXPANSION 16 PACK	Expansion pack includes 16 each CMM IS probes, calibration check chambers, saturated salt solutions and caps plus 40 coin cell batteries	EA	1

SST GAUGE

POSITECTOR SST GAUGES

POSITECTOR SST1-E STANDARD GAUGE



Part No. SST1E

- For measuring the concentration of soluble salts on metal surfaces—displays test duration, sample temperature, conductivity & surface density
- Complete with certified conductivity standard, foam swabs, lens shield, software and much more
- Storage of 250 date and time stamped readings
- Solvent, acid, oil, water and dust resistant—weatherproof
- Standard model with protective rubber holster and belt clip

EA QTY 1

DeFelsko®
Inspection Instruments

Weight	140g (without batteries)
Range	0 – 500 µS/cm, 0 – 2000 mg/m ² , 0.0 – 200.0 µg/cm ²
Normalization Temperature	25° C
Test Cell Volume	1ml
Temperature Range	0 – 50° C

POSITECTOR SST3-E ADVANCED GAUGE



Part No. SST3E

- For measuring the concentration of soluble salts on metal surfaces—displays test duration, sample temperature, conductivity & surface density
- Complete with certified conductivity standard, foam swabs, lens shield, software and much more
- Storage of 100,000 date and time stamped readings
- Solvent, acid, oil, water and dust resistant—weatherproof
- Advanced model with protective rubber holster and belt clip

DeFelsko®
Inspection Instruments

EA QTY 1

Weight	140g (without batteries)
Range	0 – 500 μ S/cm, 0 – 2000 mg/m ² , 0.0 – 200.0 μ g/cm ²
Normalization Temperature	25° C
Test Cell Volume	1ml
Temperature Range	0 – 50° C

SST KITS

POSITECTOR SST KITS WITH GAUGE

POSITECTOR SSTKITP1-E STANDARD GAUGE



Part No. SSTKITP1E

- Kit includes PosiTensor body, SST conductivity probe, 5 x PosiPatch, syringe, plastic tip, standard magnetic ring and more
- Instrument displays test duration, sample temperature, conductivity & surface density
- USB port for fast, simple connection to a PC and to supply continuous power
- Storage of 250 date and time stamped readings
- Standard model with protective rubber holster and belt clip

DeFelsko®
Inspection Instruments

EA QTY 1

Weight	140g (without batteries)
Range	0 – 500 μ S/cm, 0 – 2000 mg/m ² , 0.0 – 200.0 μ g/cm ²
Normalization Temperature	25° C
Bresle Patch Type	PosiPatch (flexible patch with magnetic ring)
Patch Dimensions	Patch diameter 44.4mm, magnetic ring diameter 66.9 mm
Test Cell Volume	1ml
Patch Test Volume	2.5 – 3ml
Temperature Range	0 – 50° C

POSITECTOR SSTKITD1-E STANDARD GAUGE



Part No. SSTKITD1E

- Kit includes PosiTensor body, SST conductivity probe, 25 x DeFelsko adhesive patches, syringe and needle, deionised water and more
- Instrument displays test duration, sample temperature, conductivity & surface density
- USB port for fast, simple connection to a PC and to supply continuous power
- Storage of 250 date and time stamped readings
- Standard model with protective rubber holster and belt clip

DeFelsko®
Inspection Instruments

EA QTY 1

Weight	140g (without batteries)
Range	0 – 500 μ S/cm, 0 – 2000 mg/m ² , 0.0 – 200.0 μ g/cm ²
Normalization Temperature	25° C
Bresle Patch Type	DeFelsko patch (self-adhesive, polyurethane)
Patch Dimensions	50mm x 50mm
Test Cell Volume	1ml
Patch Test Volume	2 – 3ml
Temperature Range	0 – 50° C

POSITECTOR SSTKITP3-E ADVANCED GAUGE

Part No. SSTKITP3E



- Kit includes PosiTector body, SST conductivity probe, 5 x PosiPatch, syringe, plastic tip, standard magnetic ring and more
- Instrument displays test duration, sample temperature, conductivity & surface density
- Data transfer via USB or via Bluetooth to a mobile device, PC or printer
- Storage of 100,000 date and time stamped readings
- Advanced model with protective rubber holster and belt clip

DeFelsko [®] Inspection Instruments	
EA	QTY 1
Weight	140g (without batteries)
Range	0 – 500 μ S/cm, 0 – 2000 mg/m ² , 0.0 – 200.0 μ g/cm ²
Normalization Temperature	25° C
Bresle Patch Type	PosiPatch (flexible patch with magnetic ring)
Patch Dimensions	44.4mm patch diameter
Test Cell Volume	1ml
Patch Test Volume	2.5 – 3ml
Temperature Range	0 – 50° C

POSITECTOR SSTKITD3-E ADVANCED GAUGE

Part No. SSTKITD3E



- Kit includes PosiTector body, SST conductivity probe, 25 x DeFelsko adhesive patches, syringe and needle, deionised water and more
- Instrument displays test duration, sample temperature, conductivity & surface density
- Data transfer via USB or via Bluetooth to a mobile device, PC or printer
- Storage of 100,000 date and time stamped readings
- Advanced model with protective rubber holster and belt clip

DeFelsko [®] Inspection Instruments	
EA	QTY 1
Weight	140g (without batteries)
Range	0 – 500 μ S/cm, 0 – 2000 mg/m ² , 0.0 – 200.0 μ g/cm ²
Normalization Temperature	25° C
Bresle Patch Type	DeFelsko patch (self-adhesive, polyurethane)
Patch Dimensions	50mm x 50mm
Test Cell Volume	1ml
Patch Test Volume	2 – 3ml
Temperature Range	0 – 50° C

POSITECTOR SSTKITL3-E ADVANCED GAUGE

Part No. SSTKITL3E



- Kit includes PosiTector body, SST conductivity probe, 25 x latex adhesive patches, syringe and needle, deionised water and more
- Instrument displays test duration, sample temperature, conductivity & surface density
- Data transfer via USB or via Bluetooth to a mobile device, PC or printer
- Storage of 100,000 date and time stamped readings
- Advanced model with protective rubber holster and belt clip

DeFelsko [®] Inspection Instruments	
EA	QTY 1
Weight	140g (without batteries)
Range	0 – 500 μ S/cm, 0 – 2000 mg/m ² , 0.0 – 200.0 μ g/cm ²
Normalization Temperature	25° C
Bresle Patch Type	Latex patch
Patch Dimensions	52mm x 52mm
Test Cell Volume	1ml
Patch Test Volume	2 – 15ml
Temperature Range	0 – 50° C

POSITECTOR SST KITS WITHOUT GAUGE

POSITECTOR SSTKITP KIT & PROBE ONLY



Part No. SSTKITP

- Probe-only kit includes SST conductivity probe, 5 x PosiPatch, syringe, plastic tip, standard magnetic ring and more
- SST probe for measuring the concentration of soluble salts on metal surfaces
- PosiPatch is held by the magnetic holding ring—no adhesive required
- Supplied in hard-shell carrying case
- PosiTector instrument sold separately

DeFelsko®
Inspection Instruments

EA	QTY 1
Range	0 – 500 $\mu\text{S}/\text{cm}$, 0 – 2000 mg/m^2 , 0.0 – 200.0 $\mu\text{g}/\text{cm}^2$
Normalization Temperature	25° C
Bresle Patch Type	PosiPatch (flexible patch with magnetic ring)
Patch Dimensions	44.4mm patch diameter
Test Cell Volume	1ml
Patch Test Volume	2.5 – 3ml
Temperature Range	0 – 50° C

POSITECTOR SSTKITD KIT & PROBE ONLY



Part No. SSTKITD

- Probe-only kit includes SST conductivity probe, 25 x DeFelsko adhesive patches, syringe and needle, deionised water and more
- SST probe for measuring the concentration of soluble salts on metal surfaces
- DeFelsko patches create a tight seal without leaving behind any residue
- Supplied in hard-shell carrying case
- PosiTector instrument sold separately

DeFelsko®
Inspection Instruments

EA	QTY 1
Range	0 – 500 $\mu\text{S}/\text{cm}$, 0 – 2000 mg/m^2 , 0.0 – 200.0 $\mu\text{g}/\text{cm}^2$
Normalization Temperature	25° C
Bresle Patch Type	DeFelsko patch (self-adhesive, polyurethane)
Patch Dimensions	50mm x 50mm
Test Cell Volume	1ml
Patch Test Volume	2 – 3ml
Temperature Range	0 – 50° C

POSITECTOR SSTKITL KIT & PROBE ONLY



Part No. SSTKITL

- Probe-only kit includes SST conductivity probe, 25 x latex adhesive patches, syringe and needle, deionised water and more
- SST probe for measuring the concentration of soluble salts on metal surfaces
- Latex patch with easy-open tabs and low-tack adhesive for easy removal
- Supplied in hard-shell carrying case
- PosiTector instrument sold separately

DeFelsko®
Inspection Instruments

EA	QTY 1
Range	0 – 500 $\mu\text{S}/\text{cm}$, 0 – 2000 mg/m^2 , 0.0 – 200.0 $\mu\text{g}/\text{cm}^2$
Normalization Temperature	25° C
Bresle Patch Type	Latex patch
Patch Dimensions	52mm x 52mm
Test Cell Volume	1ml
Patch Test Volume	2 – 15ml
Temperature Range	0 – 50° C

SST PROBES

PROBES

POSITECTOR PRBSST PROBE ONLY



Part No. PRBSST

- SST probe for measuring the concentration of soluble salts on metal surfaces
- Supplied with certified conductivity standard, 5 foam swabs, instructions, software and more
- PosiTector instrument sold separately

EA QTY 1

Test Cell Volume	1ml
------------------	-----

DeFelsko®
Inspection Instruments

ACCESSORIES

ABRASIVES TEST KIT

ABRASIVES TEST KIT



Part No. ABRASKIT

- Kit includes everything needed to measure abrasive contamination using a PosiTector SST (sold separately)
- Designed to measure the concentration of soluble salts in blast cleaning abrasives
- Includes beakers, circle filters, mixing rod, deionized water and more
- Supplied with calibration solution to verify meter accuracy
- Portable—includes a durable, hard shell case

EA QTY 1

DeFelsko®
Inspection Instruments

PATCHES AND PATCH KITS

POSITECTOR SSKITPATCHP POSIPATCH STARTER KIT



Part No. SSKITPATCHP

- Reusable PosiPatch starter pack for measuring salt contamination—compatible with PosiTector SST soluble salt tester
- Includes: PosiPatch (5), syringe (2), dispensing tip (2), and standard magnetic ring
- Standard magnetic ring for flat surfaces and diameters >1m
- Automatic air removal through a watertight, air permeable membrane
- No sharps—safe, flexible dispensing tip

EA QTY 1

Patch Diameter	44.4mm
Test Volume	2.5-3ml

DeFelsko®
Inspection Instruments



- Reusable Bresle method patches for measuring salt contamination—compatible with PosiTector SST soluble salt tester
- Requires no adhesive, as the patch is held by a magnetic holding ring (sold separately)
- Automatic air removal through a watertight, air permeable membrane

Patch Diameter	44.4mm
Test Volume	2.5-3ml

DeFelsko®
Inspection Instruments

Part No.	Description	Unit	Qty
SSTPATCH5	POSIPATCHES 5	EA	1
SSTPATCH24	POSIPATCHES 24	EA	1

DEFELSKO PATCHES 25 INCL NEEDLE



Part No. SSTPATCHD25

- Low cost, latex-free Bresle method patch that works on nearly any surface or material
- Features a low-tack adhesive which creates a tight seal without leaving behind any residue
- Self-adhesive polyurethane, easy to use in any orientation

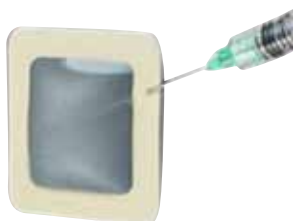
EA QTY 1

Dimensions 50 mm x 50 mm

Test Volume 2-3ml

DeFelsko®
Inspection Instruments

POSITECTOR LATEX PATCHES 25 INCL NEEDLE



Part No. SSTPATCHL25

- Latex patch with easy-open tabs and low-tack adhesive for easy removal

EA QTY 1

Dimensions 52 mm x 52 mm

Test Volume 2-15ml

DeFelsko®
Inspection Instruments

POSIPATCH MAGNETIC RING



Part No. SSTRING

- Standard magnetic ring for flat surfaces and diameters >1m
- Attaches PosiPatch to steel with no residue to clean
- Ring diameter: 66.9mm

EA QTY 1

DeFelsko®
Inspection Instruments

FLEXIBLE MAGNETIC RING



Part No. SSTRINGF

- Flexible magnetic ring for ID/OD diameters >10 cm (minimum ID is 12 cm)
- Attaches PosiPatch to steel with no residue to clean
- Ring diameter: 66.9mm

EA QTY 1

DeFelsko®
Inspection Instruments

PLASTIC DISPENSING TIPS 10



Part No. SSTDISPTIP

- For use with PosiPatch reusable patches

EA QTY 1

DeFelsko®
Inspection Instruments

HYPODERMIC NEEDLE 10 SSTNEEDLE



Part No. SSTNEEDLE

EA QTY 1



- For use with adhesive patches

3 ML GRAD. SYRINGE 10 SSTSYRINGE3



Part No. SSTSYRINGE3

EA QTY 1



- For use with dispensing tips (part number: SSTDISPTIP) and/or needles (part number: SSTNEEDLE)

30 ML GRAD. CUPS 10 SSTCUP



Part No. SSTCUP

EA QTY 1



- Sterile, single-use cups ensure measurement accuracy
- 30ml capacity

CONDUCTIVITY STD SSTSLTN84



Part No. SSTSLTN84

EA QTY 1



- Certified Conductivity Standard to verify probe accuracy
- 60ml

DEIONIZED WATER 250ML SSTDIWATER



Part No. SSTDIWATER

EA QTY 1



- Purified, ion-free water
- 250ml

FOAM SWAB 5PK



Part No. SSTSWAB

EA QTY 1



- Foam swabs for cleaning the probe test cell

SURFACE ANALYSIS KITS AND ACCESSORIES

SURFACE ANALYSIS KITS AND ACCESSORIES

SURFACE ANALYSIS KIT



Part No. SURFACEAKIT

- Ideal for testing surfaces prior to top-coating/ recoating and surfaces that have become contaminated, such as those close to oceanic environments
- Can be used on vertical surfaces, painted surfaces and abrasive blasted surfaces
- Detects chloride ions, pH, and soluble ferrous ions (eg. Ferrous Sulphate)
- Includes de-ionizing equipment, titration strips, swabs and litmus paper
- New simplified version

EA QTY 1



Chloride Detection Limit	30 to 600ppm, (Quantab Titrators)
Ferrous Ion Detection Limit	3 to 500mg/L (approx.)
Range (pH)	2 to 9 (verified by colour scale)

TEST STRIPS CHLOR BTL TRITAT STRIPS (40)



Part No. QUANTAB40

- Test strips for detecting chloride ions
- Chloride detection limit: 30 to 600ppm
- 40 tests per pack

EA QTY 1

Detection Limit	30 to 600ppm
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PH ACIDITY 100 TESTS



Part No. PH100

- Test paper for detecting pH (acidity)
- Range (pH): 2 to 9; verified by colour scale
- 100 tests per pack

EA QTY 1

Range (pH)	2 to 9 (verified by colour scale)
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FE FERROUS ION 100 TESTS



Part No. FE100

- Test strips for detecting soluble ferrous ions (e.g. ferrous sulphate)
- Ferrous ion detection limit: 3 to 500mg/L (approx)
- 100 tests per pack

EA QTY 1

Detection Limit	3 to 500mg/L (approx.)
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SURFACE PROFILE TESTERS

PCWI SURFACE PROFILE TESTERS

DIAL GAUGE FOR TESTEX TAPEDIGITAL



Part No. TESTXGAUGE

- Used with testex tape to indicate peak to valley surface profile height / thickness
- Permanent record of peak-to-valley height of profile after sand, grit or shot blasting
- Range: 0 to 10mm
- Resolution 0.001
- Dial face diameter: 55mm

EA QTY 1

Range	0 to 10mm
Resolution	0.001mm
Accuracy	1um
Gauge Face Diameter	55mm

PCWI ACCESSORIES

- Supplies peak-to-valley height when measuring surface profiles after sand (ilmenite), grit or shot blasting



Part No.	Description	Tape Profile	Tests Per Roll	Unit	Qty
TESTXCOARSE	TESTEX COARSE (50 TESTS IN ROLL)	20 to 50um	50	EA	1
TESTXXCOARSE	TESTEX X COARSE (50 TESTS IN ROLL)	40 to 115um	50	EA	1

POSITECTOR SURFACE PROFILE



EA QTY 1

Weight	140g (without batteries)
Dimensions	137 x 61 x 28mm
Tip Angle	30°

Part No.	Probe Style	Application	Range	Accuracy	PosiTector Body
SPG1E	Integral	Blasted steel	0–500um	+/(5 um + 5%)	Standard
SPG3E	Integral	Blasted steel	0–500um	+/(5 um + 5%)	Advanced
SPGS1E	Cabled	Blasted steel	0–500um	+/(5 um + 5%)	Standard
SPGS3E	Cabled	Blasted steel	0–500um	+/(5 um + 5%)	Advanced
SPGCS1E	Cabled	Textured coatings	0–1,500um	+/(5 um + 5%)	Standard
SPGCS3E	Cabled	Textured coatings	0–1,500um	+/(5 um + 5%)	Advanced
SPGTS1	Cabled	Concrete surface profile	0–6 mm	+/(25 um + 1%)	Standard
SPGTS3	Cabled	Concrete surface profile	0–6 mm	+/(25 um + 1%)	Advanced

POSITECTOR PROBES

POSITECTOR 30 DEG BUILT IN PROBE ONLY



Part No. PRBSPG30B

- Integral probe to measure peak to valley surface profile heights for blasted steel
- Probe features alumina wear face and tungsten carbide tip for long life and continuous accuracy

DeFelsko®
Inspection Instruments

EA QTY 1

Probe Style	Integral
Application	Blasted Steel
Tip Radius	50 um (2 mils)
Tip Angle	30°
Range	0 – 500 um
Accuracy	+/- (5 um + 5%)

POSITECTOR 30 DEG SEPARATE PROBE ONLY



Part No. PRBSPG30SB

- Cabled probe to measure peak to valley surface profile heights for blasted steel
- Probe features alumina wear face and tungsten carbide tip for long life and continuous accuracy

DeFelsko®
Inspection Instruments

EA QTY 1

Probe Style	Cabled
Application	Blasted Steel
Tip Radius	50 um (2 mils)
Tip Angle	30°
Range	0 – 500 um
Accuracy	+/- (5 um + 5%)

POSITECTOR 30 DEG SEPARATE PROBE ONLY



Part No. PRBSPGC30SB

- Cabled probe to measure peak to valley surface profile heights for textured coatings
- Probe features alumina wear face and tungsten carbide tip for long life and continuous accuracy

DeFelsko®
Inspection Instruments

EA QTY 1

Probe Style	Cabled
Application	Textured Coatings
Tip Radius	500 um (20 mils)
Tip Angle	30°
Range	0 – 1500 um
Accuracy	+/- (5 um + 5%)

POSITECTOR SEPARATE PROBE ONLY



Part No. PRBSPGTSPRB

- Cabled probe to measure peak to valley surface profile heights for concrete
- Probe features alumina wear face and tungsten carbide tip for long life and continuous accuracy

DeFelsko®
Inspection Instruments

EA QTY 1

Probe Style	Cabled
Application	Concrete Surface Profile
Tip Radius	500 um (20 mils)
Tip Angle	
Range	0 – 6 mm
Accuracy	+/- (25 um + 1%)

POSITECTOR SPARE PARTS

SPGTS REPLACEMENT PROBE TIP SPGTSKIT

DeFelsko®
Inspection Instruments

Part No. SPGTSKIT

EA QTY 1



- Replacement tungsten carbide probe tip
- Includes replacement tool
- Tip angle: 30 degrees

RTR FOR TESTEX TAPE

POSITECTOR RTR FOR TESTEX TAPE

DeFelsko®
Inspection Instruments



- Replica tape reader used to measure and records surface profile parameters using replica tape
- Complete with stainless steel burnishing tool, cleaning cards, surface cleaning putty and more
- Rugged indoor/outdoor instrument - ideal for field or shop use
- For use with Testex Press-O-Film replica tape

EA QTY 1

Weight	140 (without batteries)
Range	20 - 115 um
Anvil Diameter	6.3mm
Anvil Pressure	1.1 Newtons
Resolution	1um
Accuracy	+/- 5 um

Part No.	Description	Body	Unit	Qty
RTRH1E	POSITECTOR RTRH1-E STD GAUGE	Standard	EA	1
RTRH3E	POSITECTOR RTRH3-E ADV GAUGE	Advanced	EA	1



- Replica tape reader for measuring peak height and common 2D/3D profile parameters such as Ra, Rz, Sq, Spd and more
- Complete with one roll of optical grade X-coarse tape, burnishing tool, cleaning cards and more
- Solvent, acid, oil, water and dust resistant - weatherproof

EA QTY 1

Anvil Diameter	Dia. 6.25 mm
Field of View	3.8 x 3.8 mm
Anvil Pressure	1.1 Newtons
Resolution	0.1 um
Accuracy (H)	+/- 5 um
Measuring Range (Rt)	10 – 115 um
Minimum Roughness (Ra)	2 um
Lateral Sampling	3.7 um

Part No.	Description	Body	Unit	Qty
RTR3D1E	POSITECTOR RTR3D1-E STD GAUGE	Standard	EA	1
RTR3D3E	POSITECTOR RTR3D3-3-E ADV GAUGE	Advanced	EA	1

PROBES

POSITECTOR RTRH PROBE ONLY



Part No. PRBRTRH

- Measures surface profile parameters using replica tape
- For use with Testex Press-O-Film replica tape

EA QTY 1

DeFelsko®
Inspection Instruments

Anvil Diameter	Dia. 6.3 mm
Anvil Pressure	1.1 Newtons
Measurement Range	20 to 115 um
Accuracy	+/- 5 um
Resolution	1 um

POSITECTOR RTR3D PROBE ONLY



Part No. PRBRTR3D

- Measures peak height and common 2D/3D profile parameters such as Ra, Rz, Sq, Spd and more
- Ideal for field or laboratory use, including flat, curved or irregular surfaces

EA QTY 1

DeFelsko®
Inspection Instruments

Anvil Diameter	Dia. 6.25 mm
Field of View	3.8 x 3.8 mm
Anvil Pressure	1.1 Newtons
Resolution	0.1 um
Accuracy (H)	+/- 5 um
Measuring Range (H)	20 – 115 um
Measuring Range (Rt)	10 – 115 um
Minimum Roughness (Ra)	2 um
Lateral Sampling	3.7 um

NEEDLE PROFILE GAUGES

PCWI NEEDLE PROFILE GAUGES

PROFILE GAUGE NEEDLE TYPE DIG AVG & MEM



Part No. PROFILEGAUGE

- Measures surface profile, as well as pits, cracks and scratches of the outer surfaces of steel structures, pipes and concrete
- Reading maximum range is user adjustable
- Requires a small flat area for measurement

EA QTY 1

PCWI
PROFILING CALIBRATED WEAR INDICATOR

Range	0 to 13000 micrometre
Accuracy	+/-2 um
Dial Face Diameter	42mm

SPARE PARTS

PCWI NEEDLE FOR PROFILE GAUGES 30 DEG

Part No. PROFILENEEDLE

- Replacement needle for PCWI profile gauge
- Angle: 30 Degrees

EA QTY 1

PCWI
PROFILING CALIBRATED WEAR INDICATOR

PIT AND CRACK DEPTH

ANALOGUE PIT AND CRACK DEPTH

PIT & CRACK ANALOGUE W/ 55MM FOOT



Part No. PITCRACKA55

- Enables pipe coaters to make a quick assessment of the condition of pipe work
- Measures the depths of pits and craters on the outer surfaces of steel structures and pipes
- The slender tip allows for depth measurement of narrow cracks and corrosion
- Analogue model

EA QTY 1



Range	0 to 10mm
Foot Width	55mm
Resolution	0.001mm
Gauge Face Diameter	55mm

PIT & CRACK ANALOGUE W/ 125MM FOOT



Part No. PITCRACKA125

- 125mm model enables measurement on heavily pitted work and allows for indicator to be repositioned into end position
- Measures the depths of pits and craters on the outer surfaces of steel structures and pipes
- The slender tip allows for depth measurement of narrow cracks and corrosion
- Enables pipe coaters to make a quickly assess the condition of pipe work

EA QTY 1



Range	0 to 10mm
Foot Width	125mm
Resolution	0.001mm
Gauge Face Diameter	55mm

DIGITAL PIT AND CRACK DEPTH

PIT & CRACK POCKET DIGITAL W/ 55MM FOOT



Part No. PITCRACKPD55

- Compact, pocket-sized pit and crack depth gauge, enables quick assessment of surface condition
- The slender tip allows for depth measurement of narrow cracks and corrosion
- Digital model

EA QTY 1



Range	0 to 12mm
Foot Width	55mm
Resolution	0.01mm
Gauge Face Diameter	43mm

PIT & CRACK HAND HELD W/ 77MM FOOT



Part No. PITCRACKHANDH

- An essential gauge for pipe layers/coaters, enabling them to make a quick assessment of the condition of pipework during rehabilitation
- The slender tip allows for the depth measurement of narrow cracks and corrosion.
- Large handle makes it easier to use
- Digital model

EA QTY 1



Range	0 to 12.7mm
Foot Width	77mm
Resolution	0.01mm
Gauge Face Diameter	57mm

PIT & CRACK DIG METRIC/IMP W/ 55MM FOOT



Part No. PITCRACKD55

- Enables pipe coaters to make a quick assessment of the condition of pipe work
- Measures the depths of pits and craters on the outer surfaces of steel structures and pipes
- The slender tip allows for depth measurement of narrow cracks and corrosion
- Foot Width: 55mm
- Digital model

EA QTY 1

Range	0 to 12mm
Foot Width	55mm
Resolution	0.01mm
Gauge Face Diameter	57mm

PIT & CRACK DIG METRIC/IMP W/ 125MM FOOT



Part No. PITCRACKD125

- 125mm model enables measurement on heavily pitted work and allows for indicator to be repositioned into end position
- Measures the depths of pits and craters on the outer surfaces of steel structures and pipes
- The slender tip allows for depth measurement of narrow cracks and corrosion
- Enables pipe coaters to make a quickly assess the condition of pipe work
- Foot Width: 125mm, digital model

EA QTY 1

Range	0 to 12mm
Foot Width	125mm
Resolution	0.01mm
Gauge Face Diameter	57mm



LANYU TMR200 SURFACE ROUGHNESS GAUGE

Part No. LANYUTMR200

Technical Data

Weight	400g (approx.)
Dimensions	143 x 55 x 42mm
Wave Filtering Methods	RC, PCRC, GAUSS & ISO13565
Measurement Range	Ra (0.005 - 16.00 μ m) / Rz (0.02 - 160 μ m)
Sampling Length	0.25mm, 0.8mm, 2.5mm & 8mm
Detection Principal	Current Induction
Evaluation Length	(1-5)
Head Vertical Radius	45mm
Tip Material	Diamond
Variation of Indication	Not more than 6%
Tip Radius	5 μ m
Maximum Driving Trip	17.5mm
Stylus Angle	90°
Stylus force	4mN(0.4gf)
Power	Built-in Lithium ion rechargeable battery
Accuracy	< \pm 10%
Parameters	Ra, Rz, Rq, Rt, Rp, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rmr & Rx



Optional Accessories

TS55 -Extension rod. Used to extend length of sensor when testing deep hole (55mm)

TSS90 -Right angle measuring mechanism.

TS100 -standard sensor, plane & shaft & inner surface of hole>6mm, depth <22mm

TS120 -small hole sensor, cylindrical & plane & inner surface of hole>2mm, depth <9mm

TS110 -sensor for curved surface & plane, cylindrical, curvature radius> 3 mm, work with platform TA1620

TS131 -sensor for deep groove, cylindrical & plane & groove width>3mm, depth<10mm work with platformTA1620

SURFACE ROUGHNESS GAUGES

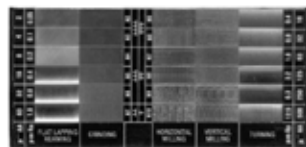
SURFACE ROUGHNESS GAUGES

LANYU TMR200 SURFACE ROUGHNESS GAUGE



- Part No. LANYUTMR200**
- EA QTY 1
- Main body supplied with standard TS100 stylus/sensor, reticle temp-let, template support, movable support, charger, USB cable & carry case
 - Parameters: Ra, Rz, Rq, Rt, Rp, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rmr & Rx
 - Four wave filtering methods: RC, PCRC, GAUSS and ISO13565
 - Data memory and stores 100 groups of data and waveform
 - Built-in Lithium-ion rechargeable battery

RUBERT COMPOSITE SURFACE ROUGHNESS STD

- Part No. RUB30695STD**
- EA QTY 1
- 
- Features surfaces from flat lapped to rough turned and are accurately reproduced, offering a realistic idea of the surface properties
 - Set of 30 electro-formed solid nickel specimens for the six most important machining methods
 - For use in drawing, planning and research, or by inspectors, engineers etc.

Set Includes	Flat Lapping: 2,4 and 8 μ"
	Reaming: 16, 32, and 63μ"
	Grinding: 2, 4, 8, 16, 32 and 63μ"
	Horizontal Milling: 16, 32, 63, 125, 250, 500μ"
	Vertical Milling: 16, 32, 63, 125, 250, 500μ"
	Turning: 16, 32, 63, 125, 250, 500μ"

DEW POINT METERS AND PROBES

POSITECTOR DPM



EA	QTY 1	DeFelsko® Inspection Instruments
Weight	150g (without batteries)	
Dimensions	159 x 61 x 31mm	

Part No.	Probe Style	Measured/Calculated Parameters	PosiTensor Body
DPM1STD	Integral probe with direct contact surface temperature sensor	Surface temperature, air temperature, relative humidity, dew point temperature, surface temperature minus dew point temperature	Standard
DPM3ADV	Integral probe with direct contact surface temperature sensor	Surface temperature, air temperature, relative humidity, wet bulb temperature, dew point temperature, surface temperature minus dew point temperature	Advanced
DPMIR1STD	Integral probe with infrared surface temperature sensor	Surface temperature, air temperature, relative humidity, dew point temperature, surface temperature minus dew point temperature	Standard
DPMIR3ADV	Integral probe with infrared surface temperature sensor	Surface temperature, air temperature, relative humidity, wet bulb temperature, dew point temperature, surface temperature minus dew point temperature	Advanced
DPMS1STD	Integral probe with K-type cabled surface temperature sensor	Surface temperature, air temperature, relative humidity, dew point temperature, surface temperature minus dew point temperature	Standard
DPMS3ADV	Integral probe with K-type cabled surface temperature sensor	Surface temperature, air temperature, relative humidity, wet bulb temperature, dew point temperature, surface temperature minus dew point temperature	Advanced
DPMA1STD	Integral probe with wind speed sensor	Surface temperature, air temperature, relative humidity, dew point temperature, surface temperature minus dew point temperature, wind speed	Standard
DPMA3ADV	Integral probe with wind speed sensor	Surface temperature, air temperature, relative humidity, wet bulb temperature, dew point temperature, surface temperature minus dew point temperature, wind speed	Advanced
DPMD1STD	Cabled probe with 1/2" NPT threads	Air temperature, relative humidity, dew point temperature	Standard
DPMD3ADV	Cabled probe with 1/2" NPT threads	Air temperature, relative humidity, dew point temperature	Advanced

PROBES

POSI PRBDPM-C BUILT IN RH PROBE



Part No. PRBDPMC

EA QTY 1

DeFelsko®
Inspection Instruments

- Integral probe for measuring climate conditions such as surface temperature, air temperature, relative humidity and dew point temperature
- Compatible with PosiTensor gauge bodies

POSI BUILT IN INFRARED SURF TEMP PROBE



Part No. PRBDPMIRC

EA QTY 1

DeFelsko®
Inspection Instruments

- Integral probe for measuring climate conditions such as air temperature and relative humidity, plus infrared surface temperature sensor
- Compatible with PosiTensor gauge bodies

POSI PRBDPMS-C SEP RH PROBE



Part No. PRBDPMSC

EA QTY 1

- Integral probe for measuring climate conditions such as air temperature and relative humidity, plus cabled surface temperature sensor
- Compatible with PosiTector gauge bodies

POSI PRBDPMA-C BUILT IN PROBE



Part No. PRBDPMAC

EA QTY 1

- Integral probe for measuring climate conditions such as air temperature and relative humidity, plus wind speed sensor
- Compatible with PosiTector gauge bodies

POSI PRBDPMD-C SEP NPT PROBE



Part No. PRBDPMDC

EA QTY 1

- Cabled probe for measuring climate conditions such as air temperature and relative humidity, with 1/2" NPT threads
- Compatible with PosiTector gauge bodies

POSI SURFACE TEMP NON-MAGNETIC PROBE

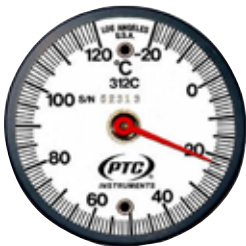


Part No. PRBDPMHSP

EA QTY 1

- Hand-held surface temperature probe, useful for spot checking hard-to-reach surfaces
- K-type sensor for use with PosiTector DPMS

MAG STEEL THERMOMETER -20 TO +120 DEG C



Part No. PTC312CRR

EA QTY 1

- These thermometers have a slightly faster response time because the temperature gathering mechanism is exposed to the substrate
- Built in magnets to attach the thermometer to the substrate
- Range: -20 to +120 degrees Celsius

Temperature Range -20 to +120°C
Units °C

MAG STEEL THERMOMETER +10 TO +400 DEG C



Part No. PTC314CRR

- These thermometers have a slightly faster response time because the temperature gathering mechanism is exposed to the substrate
- Built in magnets to attach the thermometer to the substrate
- Range: +10 to +400 degrees Celsius



EA QTY 1

Temperature Range	+10 to +400°C
Units	°C

HYGROMETERS

HYGROMETERS

JRM WHIRLING HYGROMETER S



Part No. WHIRLHYG

- Designed for measurement of wet and dry bulb temperature in degree Celsius
- Dewpoint and relative humidity can be determined by reference to a dew point book or chart
- PCWI Dew Point Book is available as an optional extra
- Humidity is determined by wet & dry bulb thermometers
- Range: -5 to +50 degrees Celsius



EA QTY 1

Range	-5 to +50°C
Accuracy	+/- 2% RH dependent on temperature and wet bulb reading

DEWPOINT & RH CAL BOOKLET TO 0.1 DEGC



Part No. RHCALBOOK

- Conversion from air temperature (dry bulb) and relative humidity into wet bulb and dew point temperature readings
- Accuracy: within 1% of standard relative humidity scales
- Range: -10 to +50 degrees Celsius



EA QTY 1

Temperature Range	-10 to +50°C
Accuracy	Within 1% of standard humidity scales

INFRARED THERMOMETERS

NON-CONTACT INFRARED THERMOMETERS

ST653 NCT -32 TO 535 DEG C



Part No. ST653

- Non-contact infrared thermometer with high DS ratio (12:1)
- Temperature range: -32 to +535 degrees Celsius
- 4-digit backlit display with SCAN/HOLD/AUTO function and auto power off
- Single spot laser for aiming, simple point and pull trigger
- Ultra low power consumption in shutdown mode

EA QTY 1

Display	4 digit backlit LCD
Temperature Range	-32 to +535°C
Distance to Sight Ratio (Target)	12:1

ST670 NCT -32 TO 760 DEG C



Part No. ST670

- Non-contact infrared thermometer with high DS ratio (30:1)
- Broad temperature range: -32 to +760 degrees Celsius
- Backlit dual display, extended measuring reliability
- Rugged, ergonomic design
- Ultra low power consumption in shutdown mode

EA QTY 1

Display	Backlit dual display LCD
Temperature Range	-32 to +760°C
Units	°C or °F
Distance to Sight Ratio (Target)	30:1

ST688 NCT -50 TO 1000 DEG C



Part No. ST688

- Non-contact infrared thermometer with very high DS ratio (50:1)
- Wide temperature range: -50 to +1000 degrees Celsius
- Backlit dual display, extended measuring reliability
- Rugged, ergonomic design
- Ultra low power consumption in shutdown mode

EA QTY 1

Display	Backlit dual display LCD
Temperature Range	-50 to +1000°C
Units	°C or °F
Distance to Sight Ratio (Target)	50:1

OVEN LOGGERS

BATCH OVEN LOGGER KIT



Part No. BATCHOKIT1

- Suitable for many temperature monitoring applications such as ovens, kilns, freezers and powder coating applications
- Two probe kit supplied with a set of 5m and 12m clamp leads
- PC-based software for data transfer, batch evaluation and printed reports
- Logs and displays four channels within the oven during the cycle
- Connects to any K-type thermocouple

EA QTY 1

Weight	9.5kg (with travelling oven)
Dimensions	150mm x 200mm x 325mm (box)
Probe Range	-270 to +260°C
Logger Range	-200 to +1370°C
Operating Temperature	0 to +50°C
Resolution	0.1°C (-200 to +200°C) / 1°C (+200 to +1350°C)
Accuracy	0.3% rdg + 1°C
Units	Selectable °C or °F
Power	9V Battery (optional power supply available)
Memory	16,000 readings per channel

BATCH OVEN LOGGER KIT



Part No. BATCHOKIT2

- Suitable for many temperature monitoring applications such as ovens, kilns, freezers and powder coating applications
- Four probe kit supplied with two sets of 5m and 12m clamp leads
- PC-based software for data transfer, batch evaluation and printed reports
- Logs and displays four channels within the oven during the cycle
- Connects to any K-type thermocouple

EA QTY 1

Weight	9.5kg (with travelling oven)
Dimensions	150mm x 200mm x 325mm (box)
Probe Range	-270 to +260°C
Logger Range	-200 to +1370°C
Operating Temperature	0 to +50°C
Resolution	0.1°C (-200 to +200°C) / 1°C (+200 to +1350°C)
Accuracy	0.3% rdg + 1°C
Units	Selectable °C or °F
Power	9V Battery (optional power supply available)
Memory	16,000 readings per channel



- Suits most K type digital thermometers and powder coating oven data loggers
- Teflon cable with a ceramic plug



Temperature Range -20 to +200°C

Part No.	Description	Length	Unit	Qty
CLAMPLD175	1.75M CLAMP LEAD	1.75m	EA	1
CLAMPLD5	5M CLAMP LEAD	5m	EA	1
CLAMPLD12	12M CLAMP LEADS	12m	EA	1

DATA LOGGERS

DATA LOGGERS

309 DATALOGGER 4 CHANNEL -50 TO 1300C



Part No. 309DATA

- CENTER 309 data logging / monitoring thermometer suitable for most temperature measurement and data logging applications
- Time function, RS-232 interface, Windows software, 16000 records per channel
- Can be used as a digital thermometer, temperature gauge or pyrometer
- Four probe input, K type thermocouple
- Thermometer range: -200 to +1370 degrees Celsius

EA QTY 1

Weight	220g (approx.)
Dimensions	184mm x 64mm x 30mm
Logger Range	-200 to +1370°C
Operating Temperature	0 to +50°C
Resolution	0.1°C (-200 to +200°C) / 1°C (+200 to +1370°C)
Accuracy	0.3% rdg + 1°C

THERMOMETERS

DIGITAL THERMOMETERS

307 - SINGLE INPUT -200 TO 1370 DEG C



Part No. 307THERM

- CENTER 307 K-Type thermometer digital temperature gauge with single probe Input and display of temperature
- Suitable for powder coating ovens, kilns, surface temperature measurement and more
- Takes the full range of K Type thermometer temperature probes available
- Digital LCD, min/max function and data hold
- Range: -200 to +1370 degrees Celsius

EA QTY 1

Weight	200g
Dimensions	164mm x 54mm x 34mm
Temperature Range	-200 to +1370°C
Resolution	0.1°C
Accuracy	+/- 0.3% of reading + 1°C

PROBES

AIR PROBES

AIR -70C TO +350 DEG C



Part No. AIRTEMP

- K Type thermometer air temperature probe for temperature of non-explosive gases
- Suits all K type digital thermometers and temperature data loggers

EA QTY 1



Dimensions	3mm dia. shaft, 175mm length (90mm handle)
Temperature Range	-70 to +350°C
Shaft Dimensions	3mm x 175mm

PENETRATION NEEDLE -100 TO +350 DEG C



Part No. PENETRATNEEDLE

- Penetration Probe for semi frozen meat, food or rubber
- Supplied with 1 metre lead and mini plug

EA QTY 1



Dimensions	Dia. 3mm shaft, 30° point
Temperature Range	150mm

AIR/SURFACE PROBES

H/DUTY SHORT STEM 166MM -80 TO +800C



Part No. HDSHORTST

- Heavy duty, fast response probe for temperature of solid plates, pipes, furnaces or moulds
- Supplied with one metre lead and mini plug
- Suits all K type digital thermometers and temperature data loggers
- Thermometer Range: -80 to +800 degrees Celsius
- Shaft length: 166mm

EA QTY 1



Dimensions	20mm dia. tip 166mm stem length
Temperature Range	-80°C to +800°C

H/DUTY LONG STEM 250MM -80 TO +800C



Part No. HDLONGST

- Heavy duty, fast response probe for temperature of solid plates, pipes, furnaces or moulds
- Supplied with one metre lead and mini plug
- Suits all K type digital thermometers and temperature data loggers
- Thermometer Range: -80 to +800 degrees Celsius
- Shaft length: 250mm

EA QTY 1



Dimensions	20mm dia. tip 250mm stem length
Temperature Range	-80°C to +800°C

BEAD PROBE PLUG/LEAD W/ PVC -40 TO +105C

Part No. BEADPROBE

EA QTY 1

TEFLON HIGH TEMP THERMOCOUPLE CABLE 1M



Part No. THERMOTEF1M

- Teflon high temperature thermocouple cable, 1 metre length
- Applications include: rubber/bonding/curing; oven/freezer monitoring; concrete curing etc
- Suits all K type digital thermometers and temperature data loggers
- For temperature of gases, bearings and structures
- Range: -20 to +200 degrees Celsius to a depth of 200 metres

EA QTY 1

Temperature Range	-20°C to +200°C to a depth of 200 metres
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IMMERSION PROBES

IMMERSION 200MM -200 TO +1000 DEG C



Part No. IMMERS200

- PCWI general purpose K type thermometer temperature probe for measuring temperature of liquids and gases
- Suits all K type digital thermometers and temperature data loggers
- Thermometer range: -200 to +1000 degrees Celsius
- Shaft length: 200mm
- Diameter: 1mm

EA QTY 1

Dimensions	1mm diameter
Length	200mm
Temperature Range	-200 to +1000°C



IMMERSION 300MM -200 TO +1000 DEG C



Part No. IMMERS300

- PCWI general purpose K type thermometer temperature probe for measuring temperature of liquids and gases
- Suits all K type digital thermometers and temperature data loggers
- Thermometer range: -200 to +1000 degrees Celsius
- Shaft length: 300mm
- Diameter: 3mm

EA QTY 1

Dimensions	3mm diameter
Length	300mm
Temperature Range	-200 to +1000°C



MAGNETIC/SURFACE PROBES

MAGNETIC AL CASE TEFLON -20 TO +240 C



Part No. MAGPRBTEF

- Magnetic surface K type temperature probe with Teflon cable suitable for use inside ovens
- Fast response surface temperature measurement, short periods only
- Suits all K type digital thermometers and temperature data loggers
- Thermometer Range: -20 to +240 degrees Celsius
- Aluminium casing, 1.0 metre lead with mini plug

EA QTY 1

Dimensions	20mm diameter
Length	1m (or made to order)
Temperature Range	-20 to +240°C



*PCWI MAGNETIC (PVC) (-10°C TO +105°C)



Part No. MAGPRBPVC

- Magnetic surface temperature probe on steel, or the probe can be used as a hand-held fast response temperature probe on all surfaces
- For measuring surface temperature of containers holding liquids, gases, tyres and structures
- Suits all K type digital thermometers and temperature data loggers
- Thermometer Range: -10 to +105 degrees Celsius
- Plastic casing, 1.0 metre lead

EA QTY 1



Length	1m (or made to order)
Temperature Range	-10 to +105°C

CONCRETE SURF TEMP PROBE -10 TO 100 C



Part No. SURFCONCRETE

- Probe used for temperature of curing concrete surfaces such as large mass / flooring processes
- Suits all K type digital thermometers and temperature data loggers
- 70mm in diameter x 45mm high
- Thermometer Range: -10 to +100 degrees Celsius

EA QTY 1



Dimensions	70mm diameter x 45mm high
Temperature Range	-10 to +100°C

NR-35A ROLLING PROBE MAX 400 DEG C



Part No. NR35AROLLING

EA QTY 1

- Probe used for temperature of exhaust manifolds, pipe, belting, rollers, shafting, moving or rolling surfaces such as pipe coating processes
- Flexible face probe with easy to hold handle
- Suits all K type digital thermometers and temperature data loggers

ULTRASONIC MATERIAL THICKNESS GAUGES

LANYU GAUGES

TM210A CALIBRATABLE



Part No. LATM210AUTG

EA QTY 1

- Digital ultrasonic thickness gauge which provides single point readings and scan/storage mode, allowing you to record the scan of your material
- Probe-zero function and sound-velocity-calibration function
- Auto sleep and auto power off function to conserve battery life
- Kit includes body, 5MHz transducer, couplant, manual, battery & carry case
- Range: 0.75—300mm (in steel)

Weight	345g
Dimensions	132mm (H) x 76.2mm (W)
Range	0.75-300mm (in steel)
Resolution	0.1/0.01 (selectable)
Accuracy	+/- (0.5% thickness + 0.04) mm
Power	3V (2 x AA) Battery
Velocity	1000~9999 m/s

LANYU TRANSDUCERS

LANYU SPARE PROBE 5MHZ STRAIGHT

Part No. LAN5MHZSTR EA QTY 1

- Spare 5MHz transducer probe, straight configuration



LANYU SPARE PROBE 5MHZ RIGHT ANGLE

Part No. LAN5MHZRA EA QTY 1

- Spare 5MHz transducer probe, right-angled configuration



LANYU SPARE PROBE 7MHZ NO.7

Part No. LAN7MHZSTR EA QTY 1

- Spare 7MHz transducer probe, no. 7 suitable for thin pipe or wall



DEFELSKO GAUGES

POSITECTOR UTG



- Ultrasonic thickness gauge with corrosion probe, ideal for measuring the effect of corrosion or erosion on tanks, pipes and other structures
- Measures the wall thickness of materials such as steel or plastic
- Complete with ultrasonic gel, batteries, lens shield, software and more
- Solvent, acid, oil, water and dust resistant—weatherproof

EA QTY 1

DeFelsko®
Inspection Instruments

Probe Type	5 MHz Dual Element
Cable Type	PVC
Thru-Paint Capability (Multiple Echo)	No
Single Echo Measurement Range	1.00 to 125.00 mm
Accuracy	+/- 0.03 mm
Resolution	0.01mm
Note	Measurement range is for carbon steel and depends upon surface condition, temperature and material.

Part No.	Description	Body	Unit	Qty
UTGC1E	POSITECTOR UTGC1-E STD UTG	Standard	EA	1
UTGC3E	POSITECTOR UTGC3-E ADV UTG	Advanced	EA	1



- Ultrasonic thickness gauge with corrosion probe, ideal for measuring the effect of corrosion or erosion on tanks, pipes and other structures
- Measures the wall thickness of materials such as steel or plastic
- Complete with ultrasonic gel, batteries, lens shield, software and more
- Solvent, acid, oil, water and dust resistant—weatherproof

EA QTY 1

DeFelsko®
Inspection Instruments

Probe Type	5 MHz Contact
Cable Type	PVC
Thru-Paint Capability (Multiple Echo)	Yes
Single Echo Measurement Range	2.50 to 125.00 mm
Multiple Echo Measurement Range	2.50 to 60.00 mm
Accuracy	+/- 0.03 mm
Resolution	0.01mm
Note	Measurement range is for carbon steel and depends upon surface condition, temperature and material.

Part No.	Description	Body	Unit	Qty
UTGM1E	POSITECTOR UTGM1-E STD MULTIPLE ECHO	Standard	EA	1
UTGM3E	POSITECTOR UTGM3-E ADV MULTIPLE ECHO	Advanced	EA	1

POSITECTOR UTG PROBES

POSITECTOR PROBE UTG GAUGE REV 4.10 UP



Part No. PRBUTGC

- Corrosion probe ideal for measuring the effect of corrosion or erosion on tanks, pipes and other structures
- Measures the wall thickness of materials such as steel or plastic
- Probe type: 5 MHz dual element
- Cable type: PVC

DeFelsko
Inspection Instruments

EA QTY 1

Probe Type	5 MHz Dual Element
Cable Type	PVC
Thru-Paint Capability (Multiple Echo)	No
Single Echo Measurement Range	1.00 to 125.00 mm
Accuracy	+/- 0.03 mm
Resolution	0.01mm
Note	Measurement range is for carbon steel and depends upon surface condition, temperature and material.

POSITECTOR PROBE ME UTG GAUGE > V4.10 UP



Part No. PRBUTGM

- Multiple-echo probe ideal for measuring on sand blasted materials & applications requiring a durable wear face
- Accurately measures the metal thickness of a painted structure without having to remove coating
- Probe type: 5 MHz contact
- Cable type: PVC

DeFelsko
Inspection Instruments

EA QTY 1

Probe Type	5 MHz Contact
Cable Type	PVC
Thru-Paint Capability (Multiple Echo)	Yes
Single Echo Measurement Range	2.50 to 125.00 mm
Multiple Echo Measurement Range	2.50 to 60.00 mm
Accuracy	+/- 0.03 mm
Resolution	0.01mm
Note	Measurement range is for carbon steel and depends upon surface condition, temperature and material.

UTG ACCESSORIES

PCWI ULTRASONIC CALIBRATION BLOCKS (SET 6) (WITH CERTIFICATION)



Part No. CALBLOCKSET6

- A series of individual steel blocks for checking the linearity of ultrasonic thickness gauges and flaw detectors
- Choose six out of nine available sizes: 1.5mm, 2.5mm, 5mm, 8mm, 10mm, 15mm, 20mm, 25mm, 50mm
- Each block is corrosion protected by flash coating to stop surface rusting

PCWI
Precision Calibration Works Inc.

EA QTY 1

Diameter	20mm
Tolerance	-0.000mm to +0.01mm
Measured To	0.0001mm
Sizes Available	1.5mm, 2.5mm, 5mm, 8mm, 10mm, 15mm, 20mm, 25mm, 50mm

GEL 250ML BOTTLE



Part No. GEL250UTG

- Provides a conductive medium between Probe and material to be tested for thickness, suitable for use on all Ultrasonic Material Thickness Gauges.
- Min. 2 bottles

EA QTY 1

DAKOTA GAUGES

CMX W/ PROBE T-102-2900 1/4 IN 5MHZ CT



Part No. CMXUTGCOAT

- Dual pulsers and receivers, coating modes, auto probe zero, auto probe recognition and temperature compensation
- Measure material and coating thickness, while detecting pits & flaws in a single mode (PECT)
- Powered by a 100MHz DSP platform using FPGA technology

EA QTY 1



Weight	383g (with batteries)
Dimensions	63.5mm x 165mm x 31.5mm
Operating Temperature	-10 to 60°C
Resolution	0.01 mm

CMX-DL W/ PROBE 1/4 IN 5MHZ CT



Part No. CMXDLUTGCOAT

- Dual pulsers and receivers, coating modes, auto probe zero, auto probe recognition and temperature compensation
- Measure material and coating thickness, while detecting pits & flaws in a single mode (PECT)
- Powered by a 100MHz DSP platform using FPGA technology
- Includes data logging function – 4 Gb internal SD memory
- Unit includes transfer cable & PC or MAC OSX software

EA QTY 1



Weight	383g (with batteries)
Dimensions	63.5mm x 165mm x 31.5mm
Operating Temperature	-10 to 60°C
Resolution	0.01 mm
Memory	4 Gb internal SD card

CMX-DL+ W/ PROBE 1/4 IN 5MHZ CT



Part No. CMXDLPLUSZ1720001

- Dual pulsers and receivers, coating modes, auto probe zero, auto probe recognition and temperature compensation
- Plus model extra features include A-Scan scope & 25Hz screen refresh rate
- Measure material and coating thickness whilst detecting pits & flaws
- Includes data logging function – 4 Gb internal SD memory
- USB-C connectivity with line power option & additional features

EA QTY 1



Weight	383g (with batteries)
Dimensions	63.5mm x 165mm x 31.5mm
Display	1/8 VGA grayscale display
Operating Temperature	-10 to 60°C

CMX-DL+ W/ PROBE 1/4 IN 5MHZ CT



Part No. CMXDLPLUSZ1870001

- Dual pulsers and receivers, coating modes, auto probe zero, auto probe recognition and temperature compensation
- Plus model extra features include A-Scan scope, AMOLED colour VGA & 60Hz screen refresh rate
- Measure material and coating thickness whilst detecting pits & flaws
- Includes data logging function – 4 Gb internal SD memory
- USB-C connectivity with line power option & additional features

EA QTY 1



Weight	383g (with batteries)
Dimensions	63.5mm x 165mm x 31.5mm
Display	1/4 VGA AMOLED color display
Operating Temperature	-10 to 60°C

MXV-AB SCOPE W/ 1/4IN 5MHZ HI DAMP PROBE



Part No. MVXABSCOPE

- The A-Scan rectified mode is commonly used for detecting flaws/pits in pulse-echo mode and measuring through paint and coatings in echo-echo mode
- The time-based B-scan feature of the MVX displays a cross section of the test material
- 12,000 readings, A or B Scan image and gauge settings for every reading
- 64 custom user-definable setups; Factory setups can be edited by the user
- Set high/low tolerances with audible beeper and visual LEDs

EA QTY 1



Weight	383g (with batteries)
Pulse-Echo Mode Range	0.63 to 254mm
Echo-Echo Mode Range	1.27 to 102mm (Range will vary +/- depending on the thickness of coating)
Dimensions	63.5mm x 165mm x 31.5mm
Operating Temperature	-10 to 60°C
Resolution	0.01 mm
Velocity	1250 to 9999 meters/second
Memory	16 megabit non-volatile ram

MX-5 - Z-114-0001 W/ PROBE 1/4IN 5MHZ



Part No. MX5UTG

- In alarm mode, measurements above or below the user-set nominal thickness value trigger a red light and audible beeper
- In differential mode, user sets a target thickness value and the gauge displays the difference
- 1/4 inch 5.00MHz standard probe for most materials, such as steel and glass
- Liquid crystal display, backlit for use in poor light conditions
- Measures from 0.63 to 500mm

EA QTY 1



Weight	290g (with batteries)
Dimensions	63.5mm x 114.3mm x 31.5mm
Range	0.63 to 500mm (dependent on material)
Operating Temperature	-30 – 50°C
Resolution	0.01mm
Power	3.0V (2xAA) battery

MX-5DL - Z-115-0001 W/ PROBE 1/4IN 5MHZ



Part No. MX5DLUTG

- In alarm mode, measurements above or below the user-set nominal thickness value trigger a red light and audible beeper
- In differential mode, user sets a target thickness value and the gauge displays the difference
- 1/4 inch 5.00MHz standard probe for most materials, such as steel and glass
- Numeric data storage, 10 files of 100 readings per file, for 1000 readings
- Measures from 0.63 to 500mm

EA QTY 1



Weight	290g (with batteries)
Dimensions	63.5mm x 114.3mm x 31.5mm
Range	0.63 to 500mm (dependent on material)
Operating Temperature	-30 – 50°C
Resolution	0.01mm
Power	3.0V (2xAA) battery
Memory	Numeric data storage, 10 files of 100 readings per file, for 1000 readings

MMX-6 Z-142-0001 W/ PROBE 1/4 IN 5MHZ



Part No. MMX6UTG

- In alarm mode, measurements above or below the user-set nominal thickness value trigger a red light and audible beeper
- Four readings per second for single point measurements or 16 per second in scan mode
- Pulse-Echo Mode provides pit & flaw detection, measuring range 0.63—500mm
- Echo-Echo Mode measures through paint and coatings, range 2.54—25.4mm
- Built-in stainless steel reference disk for probe zeroing

EA QTY 1



Weight	290g (with batteries)
Pulse-Echo Mode Range	0.63 to 500mm
Echo-Echo Mode Range	2.54 to 25.4mm
Dimensions	63.5mm x 114.3mm x 31.5mm
Operating Temperature	-30 – 50°C
Resolution	0.01mm
Power	3.0V (2xAA) battery
Velocity	1250 to 10,000 meters/second

MMX-6DL Z-143-0001 W/ PROBE 1/4 IN 5MHZ



Part No. MMX6DLUTG

- In alarm mode, measurements above or below the user-set nominal thickness value trigger a red light and audible beeper
- Four readings per second for single point measurements or 16 per second in scan mode
- Pulse-Echo Mode provides pit & flaw detection, measuring range 0.63—500mm
- Echo-Echo Mode measures through paint and coatings, range 2.54—25.4mm
- Numeric data logging, 10 files of 100 for total of 1000 readings

EA QTY 1

Weight	290g (with batteries)
Pulse-Echo Mode Range	0.63 to 500mm
Echo-Echo Mode Range	2.54 to 25.4mm
Dimensions	63.5mm x 114.3mm x 31.5mm
Operating Temperature	-30 to 50°C
Resolution	0.01mm
Power	3.0V (2xAA) battery
Velocity	1250 to 10,000 meters/second
Memory	Numeric data storage, 10 files of 100 readings per file, for 1000 readings

MMX-6ER Z-142-0002 W/ PROBE 1/2IN 3.5MHZ



Part No. MMX6ERUTG

- In alarm mode, measurements above or below the user-set nominal thickness value trigger a red light and audible beeper
- Four readings per second for single point measurements or 16 per second in scan mode
- Pulse-Echo Mode provides pit & flaw detection, measuring range 0.63—500mm
- Extended Echo-Echo Mode measures through paint and coatings, range 3—100mm
- Built-in stainless steel reference disk for probe zeroing

EA QTY 1

Weight	290g (with batteries)
Pulse-Echo Mode Range	0.63 to 500mm
Echo-Echo Mode Range	2.54 to 25.4mm
Extended range (Increases Echo-Echo Range)	3 to 100 mm
Dimensions	63.5mm x 114.3mm x 31.5mm
Operating Temperature	-30 to 50°C
Resolution	0.01mm
Power	3.0V (2xAA) battery
Velocity	1250 to 10,000 meters/second

MMX-6DLR Z-143-0002 W/PROBE 1/2IN 3.5MH



Part No. MMX6DLR

- In alarm mode, measurements above or below the user-set nominal thickness value trigger a red light and audible beeper
- Four readings per second for single point measurements or 16 per second in scan mode
- Pulse-Echo Mode provides pit & flaw detection, measuring range 0.63—500mm
- Extended Echo-Echo Mode measures through paint and coatings, range 3—100mm
- Numeric data logging, 10 files of 100 for total of 1000 readings

EA QTY 1

Weight	290g (with batteries)
Pulse-Echo Mode Range	0.63 to 500mm
Echo-Echo Mode Range	2.54 to 25.4mm
Extended range (Increases Echo-Echo Range)	3 to 100 mm
Dimensions	63.5mm x 114.3mm x 31.5mm
Operating Temperature	-30 to 50°C
Resolution	0.01mm
Power	3.0V (2xAA) battery
Velocity	1250 to 10,000 meters/second
Memory	Numeric data storage, 10 files of 100 readings per file, for 1000 readings

MMX-7 WITH PROBE T-102-2700 1/4IN 5MHZ



Part No. MMX7UTG

- Multi-mode thickness gauge with B-scan—including potted side entry 1/4" 5.0 MHz dual element transducer probe
- High speed scan feature speeds up the inspection process by making 32 measurements per second
- Displays the minimum reading found when the transducer is removed
- Use the multi-mode feature to measure through & eliminate paint and coating
- Set high/low tolerances with audible beeper and visual LEDs



EA QTY 1

Weight	383g (with batteries)
Pulse-Echo Mode Range	0.63 to 254mm
Echo-Echo Mode Range	1.27 to 102mm (Range will vary +/- depending on the thickness of coating)
Dimensions	63.5mm x 165mm x 31.5mm
Operating Temperature	-10 to 60°C
Resolution	0.01 mm
Velocity	1250 to 9999 meters/second
Memory	16 megabit non-volatile ram

UMX-2 UNDERWATER PROOF GAUGE W/ PROBE



Part No. UMXZ1850001

- Underwater material & coating thickness gauge—high strength transparent plastic housing designed for offshore inspections such as ships or docks
- Repeatability bar graph indicates stability of reading
- Automatic probe recognition and zero
- Alpha numeric grid and sequential auto-ID file formats
- Storage Capacity: 5,000 readings, settings, and waveform graphics



EA QTY 1

Weight	680g (with batteries)
Dimensions	60.33mm diameter, 229mm length
Operating Temperature	-29° to 60°C
Depth Rating	300 metres
Power	Three 1.5V alkaline or 1.2V NiCad AA cells
Resolution	+/- 0.01 mm

ZX-3 W/ TRANSDUCER TEMP TO 100C W/PROBE



Part No. ZX3UTG1.00

- The ZX-3 is a basic dual element thickness gauge able to locate blind surface pitting and internal defects in materials
- Select from 8 common material velocities, 2 custom velocities, or set manually using the CAL ke
- Selectable probe diameter for improved linearity
- High speed scanning and backlit display
- Supplied with 1.0 Mhz transducer



EA QTY 1

Weight	312g (with batteries)
Dimensions	63.5mm x 131.3mm x 31.5mm
Range	0.63 to 1219mm (dependent on material)
Operating Temperature	-30 to 75 °C
Resolution	0.01mm
Power	3.0V (2 x AA) battery
Velocity	305 to 18,542 metres/ second

ZX-3 W/ TRANSDUCER TEMP TO 100C W/PROBE



Part No. ZX3UTG5.00

- The ZX-3 is a basic dual element thickness gauge able to locate blind surface pitting and internal defects in materials
- Select from 8 common material velocities, 2 custom velocities, or set manually using the CAL ke
- Selectable probe diameter for improved linearity
- High speed scanning and backlit display
- Supplied with 5.0 Mhz transducer



EA QTY 1

Weight	312g (with batteries)
Dimensions	63.5mm x 131.3mm x 31.5mm
Range	0.63 to 1219mm (dependent on material)
Operating Temperature	-30 to 75 °C
Resolution	0.01mm
Power	3.0V (2 x AA) battery
Velocity	305 to 18,542 metres/ second

ZX-3 W/ TRANSDUCER TEMP TO 100C W/PROBE



Part No. ZX3UTG7.50

- The ZX-3 is a basic dual element thickness gauge able to locate blind surface pitting and internal defects in materials
- Select from 8 common material velocities, 2 custom velocities, or set manually using the CAL ke
- Selectable probe diameter for improved linearity
- High speed scanning and backlit display
- Supplied with 7.5 Mhz transducer

EA QTY 1



Weight	312g (with batteries)
Dimensions	63.5mm x 131.3mm x 31.5mm
Range	0.63 to 1219mm (dependent on material)
Operating Temperature	-30 to 75 °C
Resolution	0.01mm
Power	3.0V (2 x AA) battery
Velocity	305 to 18,542 metres/ second

ZX-5 W/ TRANSDUCER TEMP TO 100C W/PROBE



Part No. ZX5UTG5.00

- The ZX-5 is a basic dual element thickness gauge able to locate blind surface pitting and internal defects in materials
- Capable of measuring the thickness of various materials with accuracy as high as +/- 0.01mm
- Alarm mode with audible and visual indicators
- Manual or auto zero option
- Supplied with 1/4" 5.0 MHz dual element transducer

EA QTY 1



Weight	312g (with batteries)
Dimensions	63.5mm x 131.3mm x 31.5mm
Range	0.63 to 1219mm (dependent on material)
Operating Temperature	-30 to 75 °C
Resolution	0.01mm
Power	3.0V (2 x AA) battery
Velocity	305 to 18,542 metres/ second

ZX-5DL W/TRANSDUCER TEMP TO 100C W/PROBE



Part No. ZX5DLUTG5.00

- The ZX-5 is a basic dual element thickness gauge able to locate blind surface pitting and internal defects in materials
- Capable of measuring the thickness of various materials with accuracy as high as +/- 0.01mm
- Alarm mode with audible and visual indicators
- Data storage for 40 files of 250 readings per file, 10,000 readings total
- Supplied with 1/4" 5.0 MHz dual element transducer

EA QTY 1



Weight	312g (with batteries)
Dimensions	63.5mm x 131.3mm x 31.5mm
Range	0.63 to 1219mm (dependent on material)
Operating Temperature	-30 to 75 °C
Resolution	0.01mm
Power	3.0V (2 x AA) battery
Velocity	305 to 18,542 metres/ second

ZX-6 W/ TRANSDUCER TEMP TO 100C W/PROBE



Part No. ZX6UTG5.00

- The ZX-6 combines a standard pulse-echo flaw detection measurement mode with a multi-echo through paint mode.
- Differential mode displays the +/- difference from a nominal value entered
- Selectable probe frequency and diameter for improved linearity
- High and low alarm limits with audible and visual indicators
- Supplied with 1/4" 5.0 MHz dual element transducer

EA QTY 1



Weight	312g (with batteries)
Dimensions	63.5mm x 131.3mm x 31.5mm
Range	Pulse-echo (P-E) 0.63 to 1219mm Echo-Echo (E-E) 2.54 to 152.4mm base metal, and coating 0.024 to 1,905mm
Operating Temperature	-30 to 75 °C
Resolution	0.01mm
Power	3.0V (2 x AA) battery
Velocity	305 to 18,542 metres/ second

ZX-6DL W/TRANSDUCER TEMP TO 100C W/PROBE



Part No. ZX6DLUTG5.00

- The ZX-6DL combines a standard pulse-echo flaw detection measurement mode with a multi-echo through paint mode
- On-board data logger stores 10,000 readings in 40 files of 250 readings per file
- Differential mode displays the +/- difference from a nominal value entered
- Selectable probe frequency and diameter for improved linearity
- Supplied with 1/4" 5.0 MHz dual element transducer

EA QTY 1



Weight	312g (with batteries)
Dimensions	63.5mm x 131.3mm x 31.5mm
Range	Pulse-echo (P-E) 0.63 to 1219mm Echo-Echo (E-E) 2.54 to 152.4mm base metal, and coating 0.024 to 1,905mm
Operating Temperature	-30 to 75 °C
Resolution	0.01mm
Power	3.0V (2 x AA) battery
Velocity	305 to 18,542 metres/ second

PVX A/B SCAN W/ PROBE 1/4IN 15MHZ



Part No. PVXABSCAN

- A/B Scan waveform display, multiple calibration options and selectable material list
- With single element delay-line 15MHz transducer—1/4" diameter, side entry, microdot connector
- Time based B-Scan feature displays a cross section of the test material
- Echo-to-echo mode measures thickness without removing the paint or coating
- Set high/low tolerances with audible beeper and visual LEDs

EA QTY 1

Weight	383g (with batteries)
Dimensions	63.5mm x 165mm x 31.5mm
Operating Temperature	-10 to 60°C
Resolution	0.01mm/0.001mm (selectable)
Velocity	1250 to 9999 meters/second
Memory	16 megabit non-volatile ram

PVX-B SCAN W/ PROBE 1/4IN 15MHZ



Part No. PVXBSCAN

- Large digits, time-based B-Scan view, multiple calibration options, and selectable material list
- With single element delay-line 15MHz transducer—1/4" diameter, side entry, microdot connector
- Time based B-Scan feature displays a cross section of the test material
- Echo-to-echo mode measures thickness without removing the paint or coating
- Set high/low tolerances with audible beeper and visual LEDs

EA QTY 1



Weight	383g (with batteries)
Dimensions	63.5mm x 165mm x 31.5mm
Operating Temperature	-10 to 60°C
Resolution	0.01mm/0.001mm (selectable)
Velocity	1250 to 9999 meters/second
Memory	16 megabit non-volatile ram

PX-7 W/ PROBE T-402-5507 1/4IN 15MHZ



Part No. PX7UTG

- The PX-7 is a basic high precision digital ultrasonic thickness gauge that accurately measures thin materials from 0.15mm to 25mm
- With single element delay-line 15MHz transducer—1/4" diameter, side entry, microdot connector
- Set high/low tolerances with audible beeper and visual LEDs
- Echo-to-echo mode measures thickness without removing the paint or coating
- Complete with file transfer software

EA QTY 1



Dimensions	63.5mm x 114.3mm x 31.5mm
Range	0.15 to 25.4mm (dependent on material)
Operating Temperature	-30 – 50°C
Resolution	0.001mm
Velocity	1250 to 10,000 meters/second

PX-7DL - Z-130-0001 W/ PROBE 1/4IN 15MHZ



Part No. PX7DLUTG

- All the features of the PX-7 plus a data logging function that stores a total of 1000 readings in 10 files of 100 readings
- With single element delay-line 15MHz transducer—1/4" diameter, side entry, microdot connector
- Set high/low tolerances with audible beeper and visual LEDs
- Echo-to-echo mode measures thickness without removing the paint or coating
- Complete with file transfer software

EA QTY 1



Dimensions	63.5mm x 114.3mm x 31.5mm
Range	0.15 to 25.4mm (dependent on material)
Operating Temperature	-30 – 50°C
Resolution	0.001mm
Velocity	1250 to 10,000 meters/second
Memory	Automatic Data Logging System, 1000 reading capacity (10 files of 100 readings each)

DAKOTA MX-3 TRANSDUCERS

PROBE T-104-0000 1/2IN 1MHZ PLASTIC 30MM



Part No. MX3T1040000

- Using this probe, Dakota model gauges better measure the thicknesses of cast iron and extruded plastics such as polyethylene and PVC
- MX, MMX, ZX, MVX, CMX, UMX-2 gauges only

EA QTY 1



Type	1.0 MHz dual element transducer
Diameter	1/2"
Entry	Side
Connector	Potted

PROBE T-102-2000 1/4 IN 5.00MHZ



Part No. MX3T1022000

- Standard probe suitable for most materials such as the thickness of steel, stainless steel, glass, aluminium and certain thin plastics
- MX, MMX, ZX, MVX, CMX, UMX-2 gauges only

EA QTY 1



Type	5.00MHz dual element transducer
Diameter	1/4"
Entry	Side
Connector	Potted

PROBE T-102-3200 1/4 IN 7.50MHZ HT STEEL



Part No. MX3T1023200

- Using this probe, Dakota model gauges better measure the thicknesses of high tensile steel and aluminium
- MX, MMX, ZX, MVX, CMX, UMX-2 gauges only

EA QTY 1



Type	7.50MHz dual element transducer
Diameter	1/4"
Entry	Side
Connector	Potted

DAKOTA MX-3 ACCESSORIES

UMX - A-112-6004 UNDERWATER COVER MX3



Part No. UMX4MX3

EA QTY 1



- Underwater enclosure for the Dakota MX-3 digital ultrasonic thickness gauge
- Clear plexiglass construction with stainless steel connectors
- Simple to install

PROBE T-174-2006 1/2 IN 5MHZ FOR UMX

Part No. UMXPRB4MMX3

EA QTY 1



- Probe for use with the Dakota model UMX underwater and coating thickness gauge

Type	5.0 MHz dual element transducer
Diameter	1/2"
Entry	Top
Connector	Potted

DAKOTA MMX-6 ACCESSORIES

UMX-A-112-6004 UNDERWATER COVER MMX 6+



Part No. UMX4MMX6

EA QTY 1



- Underwater cover for the Dakota MMX-6+ digital ultrasonic thickness gauges
- Clear plexiglass construction with stainless steel connectors
- Simple to install

UMX PROBE T-174-2006 1/2 IN 5MHZ.



Part No. UMXPRB4MMX6

EA QTY 1



- Probe for use with the Dakota model UMX underwater material and coating thickness gauge

Type	5.0 MHz dual element transducer
Diameter	1/2"
Entry	Top

BOLT TENSION METERS

DAKOTA BOLT TENSION METERS

MINI-MAXI BOLT TENSION METER W/TEMP CONN



Part No. MMTBOLTZ1560002

- The Mini-Max bolt tension monitor ultrasonically monitors the actual elongation produced by tightening a threaded fastener
- Effectively monitor your bolts during periodic shutdowns over the service life of the fastener
- Visually compare the unloaded to the loaded waveform
- Stores 8000 readings and waveforms in multiple groups
- With temperature connector

EA QTY 1



Weight	383g (with batteries)
Dimensions	63.5mm x 165mm x 31.5mm
Range	25.4 to 244 cm
Operating Temperature	-10 to 60°C
Velocity	1250 to 9999 meters/second
Memory	16 megabit non-volatile ram

MINI-MAXI BOLT TENSION METER W/OTEMP CON



Part No. MMTBOLTZ1560001

- The Mini-Max bolt tension monitor ultrasonically monitors the actual elongation produced by tightening a threaded fastener
- Effectively monitor your bolts during periodic shutdowns over the service life of the fastener
- Visually compare the unloaded to the loaded waveform
- Stores 8000 readings and waveforms in multiple groups
- Without temperature connector

EA QTY 1



Weight	383g (with batteries)
Dimensions	63.5mm x 165mm x 31.5mm
Range	25.4 to 244 cm
Operating Temperature	-10 to 60°C
Velocity	1250 to 9999 meters/second
Memory	16 megabit non-volatile ram

MINI-MAXI BOLT TEMP SENSOR W/ 6FT CBL



Part No. MMTBOLTA1568001

- Temperature sensor with 6FT cable
- Dakota Mini-Max and Max II

EA QTY 1



BOLT TENSION METERS

NON-MAGNETIC TRANSDUCERS



EA QTY 1



Connector	Microdot
Entry	Top

Part No.	Description	Type	Diameter
T50234855PRB	TRANSDUCER T-5023-4855 1/4 IN 10MHZ	10MHz single element contact transducer	1/4"
T50232855PRB	TRANSDUCER T-5023-2855 1/4 IN 5MHZ	5MHz single element contact transducer	1/4"
T59034875PRB	TRANSDUCER T-5903-4875 1/8 IN 10MHZ	10MHz single element contact transducer	1/8"
T59032875PRB	TRANSDUCER T-5903-2875 1/8 IN 5MHZ	5MHz single element contact transducer	1/8"
T50641855PRB	TRANSDUCER T-5064-1855 1/2 IN 2.25MHZ	2.25MHz single element contact transducer	1/4"
T50432855PRB	TRANSDUCER T-5043-2855 1/2 IN 5MHZ	5MHz single element contact transducer	1/2"
T50231855PRB	TRANSDUCER T-5023-1855 1/4 IN 2.5MHZ	2.25MHz single element contact transducer	1/4"

MAGNETIC TRANSDUCERS



EA QTY 1



Connector	Microdot
Entry	Top

Part No.	Description	Type	Diameter
T7002405PRB	TRANSDUCER MAG T-700-2405 1/8 IN 5MHZ	5MHz magnetic single element contact transducer	1/8"
T7022405PRB	TRANSDUCER MAG T-702-2405 1/4 IN 5MHZ	5MHz magnetic single element contact transducer	1/4"
T7021405PRB	TRANSDUCER MAG T-702-1405 1/4 IN 2.25HZ	2.25MHz magnetic single element contact	1/4"
T7004405PRB	TRANSDUCER MAG T-700-4405 1/8 IN 10MHZ	10MHz magnetic single element contact transducer	1/8"
T7041405PRB	TRANSDUCER MAG T-704-1405 1/2 IN 2.25MHZ	2.25MHz magnetic single element contact transducer	1/2"
T7032405PRB	TRANSDUCER MAG T-703-2405 3/8 IN 5MHZ	5MHz magnetic single element contact transducer	3/8"
T7031405PRB	TRANSDUCER MAG T-703-1405 3/8 IN 2.25MHZ	2.25MHz magnetic single element contact transducer	3/8"
T7024405PRB	TRANSDUCER MAG T-702-4405 1/4 IN 10MHZ	10MHz magnetic single element contact transducer	1/4"
T7062405PRB	TRANSDUCER MAG T-706-2405 3/4 IN 5MHZ	5MHz magnetic single element contact transducer	3/4"
T7061405PRB	TRANSDUCER MAG T-706-1405 3/4 IN 2.25MHZ	2.25MHz magnetic single element contact transducer	3/4"
T7042405PRB	TRANSDUCER MAG T-704-2405 1/2 IN 5MHZ	5MHz magnetic single element contact transducer	1/2"

TRANSDUCER MAG N-120-0020 20FT



Part No. N1200020

- 20FT transducer cable
- Single lemo to micodot single

EA QTY 1



SONIC TESTERS

DAKOTA

PR-82 SONIC TESTER Z-102-0002



Part No. Z1020002PR82

- Ultrasonic thickness tester with dual-element transducer - impact resistant, environmentally sealed, specifically tuned for racing applications
- Chassis builders use the gauge for tube inspections, body panels, and windshields
- Engine rebuilders use this gauge for cylinder and head porting
- Able to scan the length of a part to find the minimum thickness
- Supplied with one probe



EA QTY 1

Dimensions	63.5mm x 114.3mm x 31.5mm
Range	0.63 to 199.99mm in casted materials
Operating Temperature	-20 to 50°C
Resolution	0.01mm
Velocity	1250 to 10,000 meters/second

PR-8V MULTI VIS SONIC TESTER Z-158-0001



Part No. Z1580001PR8V

- Multi-visual sonic tester displays a cross section of the opposite surface, showing the contour of the back surface in cylinders while scanning
- Selectable low, medium & high gain settings offer extra power for hard to penetrate materials
- Use alarm mode to Set Hi/Lo tolerances with audible beeper and visual LEDs
- Store up to 64 custom setups, or use factory setups for common applications
- Typically used by engine builders and chassis inspectors



EA QTY 1

Weight	383g (with batteries)
Pulse-Echo Mode Range	0.63 to 254mm
Echo-Echo Mode Range	1.27mm to 102mm
Dimensions	63.5mm x 165mm x 31.5mm
Operating Temperature	-10 to 60°C
Resolution	0.01mm
Velocity	1250 to 9999 meters/second
Memory	16 megabit non-volatile ram

DAKOTA TRANSDUCERS

DAKOTA TRANSDUCERS



EA QTY 1

Connector	Potted
Entry	Side

Part No.	Description	Type	Diameter
T1014000	TRANSDUCER T-101-4000 3/16 INCH	10.0MHz dual element transducer	3/16"
T1624110	TRANSDUCER T-162-4110 1/4 INCH	10.0MHz dual element transducer	1/4"
T1324110	TRANSDUCER T-132-4110 1/4 INCH	10.0MHz dual element transducer	1/4"
T1044120	TRANSDUCER T-104-4120 1/4 INCH	10.0MHz dual element transducer	1/2"
T1042120	TRANSDUCER T-104-2120 1/2 INCH	5.0MHz dual element transducer (cast iron)	1/2"
T1022000	TRANSDUCER T-102-2000 1/4 INCH	5.0MHz dual element transducer (cast iron)	1/4"
T1622110	TRANSDUCER T-102-2700 1/4 INCH	5.0MHz dual element transducer	1/4"
T1322110	TRANSDUCER T-162-2110 1/4 INCH	5.0MHz dual element transducer (cast iron)	1/4"
T1212100	TRANSDUCER T-121-2100 3/16 INCH	5.0MHz dual element transducer (cast iron)	3/16"

WELDING GAUGES

WELDING GAUGES

BRIDGECAM WELD GAUGE



Part No. BRIDGECAMWELD

EA QTY 1

- All in one gauge for measuring undercut, excess material, fillets, preparation angle and misalignment

HI-LO WELD GAUGE



Part No. HILOWELD

EA QTY 1

- Measures internal misalignment, fit-up gap and bevel on end preparation
- Also determines crown height, pipe wall thickness and fillet weld size

V-WAC GAUGE



Part No. VWACWELD

EA QTY 1

- Measures undercut, crown height and checks porosity size

FILLET WELD GAUGE SET 7 PCS



Part No. FILLETWELD

EA QTY 1

- Combined set of gauges to measure concave or convex weld sizes for 3mm to 25mm

DIGITAL WELD GAUGE



Part No. DIGWELD

- Simple to use welding gauge for measuring excess material, fillets, weld size/height, preparation angle and misalignment
- Measures weld size from 0 to 12.5mm and angle

EA QTY 1

Measures	0-20mm
Power	One silver oxide battery, SR44 1.55V
Angle of Preparation	60°, 70°, 80° & 90°
Accuracy	+/-0.03mm
Resolution	0.01mm
Working Temperature	0°C to 40°C
Humidity	≤80%
Notes	Unit does not measure undercut

REBAR LOCATORS

REBAR LOCATORS AND ACCESSORIES

MC8022 REBAR LOCATOR W/ LIGHT BAG



Part No. TK011620040

- Non-destructive rebar location, rebar sizing and cover measurement for concrete structures, components, bridges, floors, beams and slabs
- Fast and efficient measurement to avoid drilling hits or investigate legacy structures
- Standard kit supplied in a light but tough equipment bag
- Built-in data logging, LED indicators and backlit screen
- Rugged, lightweight and easy-to-use

EA QTY 1

Weight	800g (instrument + probe + cable)
Range	Cover Depth 5mm to 185mm dependant on bar size
Bar Sizing Resolution	0.1mm
Bar Sizing Accuracy	+/-0.5mm to +/-1.5mm
Operating Temperature	-10°C – +50°C

MC8022 REBAR LOCATOR W/ HARD CASE/COVER



Part No. TK01162140

- Non-destructive rebar location, rebar sizing and cover measurement for concrete structures, components, bridges, floors, beams and slabs
- Fast and efficient measurement to avoid drilling hits or investigate legacy structures
- Pro kit supplied in a hard case with protective dust-cover and wrist strap
- Built-in data logging, LED indicators and backlit screen
- Rugged, lightweight and easy-to-use

EA QTY 1

Weight	800g (instrument + probe + cable)
Range	Cover Depth 5mm to 185mm dependant on bar size
Bar Sizing Resolution	0.1mm
Bar Sizing Accuracy	+/-0.5mm to +/-1.5mm
Operating Temperature	-10°C – +50°C

MC8022 DOWNLOAD KIT USB CABLE SW ON USB

Part No. TK0166301

- USB download cable & software for Koletric MC8022 model covermeters

EA QTY 1

MC8022 CHARGER TK0166-402-40

Part No. TK016640240

EA QTY 1



INSPECTION CAMERAS

INSPECTION CAMERAS

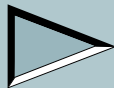
PORTABLE INSPECTION CAMERA KC-SSVR-710

Part No. BORESCOPE

EA QTY 1



- Great for pipe inspection and repair, industrial equipment inspection, construction sites, workshops and laboratories
- Ergonomic design, 3.5" easy to view screen, flexible cable, user-friendly graphical interface
- Designed for tight area inspection or any hard-to-see place
- Records what you see and hear
- Resolution: 0.32M pixels



PORTABLE INSPECTION CAMERA KC-SSVR-710

Part No. BORESCOPE

Technical Data

Power	4 x AA type alkaline battery
Interface	SD card (up to 32GB SDHC), USB 1.1, RGB video out, NTSC/PAL video out
File Format	Image capture in JPEG format, video recording in motion JPEG (AVI)
Array Size	656 x 488
Camera Outer Meter	8.8mm
Resolution	0.32M pixels
Image Sensor	1/5" VGA CMOS Image Sensor
Max Image Transfer Rate	60fps for VGA, 120fps for QVGA
Focal Range	2cm ~ 15cm
Optimised Focal Range	4cm
Shaft Length	1m
LED Light	6LEDs
Accessories	Pin, Hook, Mirror, Magnet



Great For:

- Automotive maintenance & repair
- Pipe inspection & repair
- Tight area inspection
- Underwater viewing
- Industrial equipment inspection
- Parts assembly
- Construction sites
- Workshops
- Laboratories
- Education
- Wildlife surveillance
- Any hard-to-see place

ANEMOMETERS

ANEMOMETERS

ANEMOMETER 8901 SEPARATE VANE



Part No. ANEMOM8901

- Thermo-Anemometer used to measure air movement in ducts, spray booths, wind tunnels, mine shafts and more
- Simultaneously displays air flow and temperature
- Multi-point average and data hold function
- Temperature: -10 to +50 degrees Celsius
- Range: 0.4 to 35.0 metres per second

EA	QTY 1
Range	0.4 to 35.0 metres per second
Temperature Range	-10 to +50°C
Resolution	0.01 metres per second / 0.1°C
Airflow Accuracy	+/- 2% Full Scale

MAGNIFIERS AND MIRRORS

INSPECTION MIRRORS

EXTENSION MIRROR DIAM 30MM, EXTENDS 885MM



Part No. MIRROR885

- Round, telescopic inspection mirror
- Extendable up to 885mm and closes at 208mm
- Diameter: 30mm

EA	QTY 1
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EXTENSION MIRROR 50 X 90MM, EXTENDS 1M



Part No. MIRROR1M

- Telescopic inspection mirror
- Extendable handle up to 1m and closes at 450mm
- Dimensions: 90mm x 50mm

EA	QTY 1
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MAGNIFIERS

PEAK 2028 10X ILLUM MAGNIFIER W/ GRAD



Part No. MAGNIFIER10X

- Illuminated magnifier with graticule measures the width of pinholes, pits, scratches and cracks
- Graticule is removable from the illuminated handle
- Overall 30mm measurement length in 100 micrometre graduations

EA	QTY 1
Graticule Diameter	32mm
Graticule Scale	15mm to 0 (centre) to 15mm





PCWI-CAT-V19

