

## COMPACT PULSE POROSITY DETECTORS

PCWI International are leaders in the manufacture, certification and distribution of specialist measuring instruments relevant to the metals construction and coating industries.

### FEATURES

- Lightweight with ABS case
- LCD Voltage Display
- Fully Adjustable Voltage
- Clip-on Battery Pack
- Constant test Current
- Overcharge Protection
- Earphones for Noisy Environments

### APPLICATIONS

Used for detection of Coating Porosity (Pin-Holes, or Holidays) in dielectric (insulation type) coatings on conductive substrates, including Concrete. Regulated 'Pulsed' Output - Fully Adjustable.

Ideal for use:

- On Contaminated Coating Surface
- On Carbon-impregnated Coatings, ie: Carbonated Rubber
- On Very Thick Coatings

### STANDARDS & COMPLIANCE

Can be used in accordance with: Australian Standard AS3894.1, ASTM G62, ASTM D5162, ASTM D4787, NACE SP0274, NACE TM0186, NACE TM0384, NACE SP0490, NACE SP0188, ANSI/AWWA C203, ANSI/AWWA C214, ISO 29601.

### TECHNICAL DATA

SPECIFICATIONS	P20	P40
Voltage Display	0 to 20kV	0 to 40kV
Alarm Range	2kV to 20kV	5kV to 40kV
Resolution	100V	
Accuracy	±3% for 10.0kV and above; ±15% for below 10.0kV	
Short Circuit	Test Current 1.5mA Max	
Operating Temperature	0°C to 60°C	
Battery	LiFePO4 Clip-on	
Alarm	Audible	
Display	LCD	
Probe Handle	Rubber lead	
Dimensions	260 x 160 x 70mm	
Unit Weight	805g without Battery 1.4kg with Battery	



In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

## COMPACT PULSE POROSITY DETECTORS

### KIT OPTIONS

PCWI Compact Pulse Porosity Detectors are available in two kit options, allowing you to select the kit that best suits your requirements.

**Industrial Kit:** Detector with Clip-on Battery, Universal Charger, Probe Handle with 2m Lead, 60mm Connector for Flat Brushes, 7m Earth Lead with Clamp, Fan Brush, 250mm Flat Brass Wire Brush, 450mm Probe Extension, Air-Operated Earphones, Shoulder & Waist Harness, Kit Case, Operating Instructions, Manufacturers Certificate.

**Pipeline Kit:** Detector with Clip-on Battery, Spare Clip-on Battery, Universal Charger, Probe Handle with 2m Lead, 60mm Connector for Flat Brushes, 7m Earth Lead with Clamp, Fan Brush, Coil Joiner with 450mm Probe Extension Air-operated Earphones, Shoulder & Waist Harness, Kit Case, Operating Instructions, Manufacturers Certificate.

### ORDERING INFORMATION

PART NUMBER	DESCRIPTION
P20IND	COMPACT PULSE 20 INDUSTRIAL KIT
P20PIPE	COMPACT PULSE 20 PIPELINE KIT
P40IND	COMPACT PULSE 40 INDUSTRIAL KIT
P40PIPE	COMPACT PULSE 40 PIPELINE KIT

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