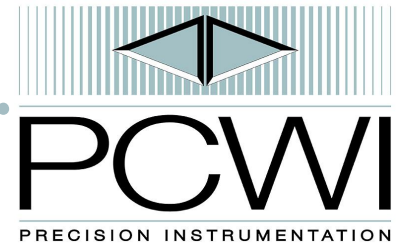


# Surface Roughness

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



## TMR200 Surface Roughness Gauge

### Features

Multiple parameters.  
Four wave filtering methods: RC, PCRC, GAUSS & ISO13565  
Data Memory and stores 100 groups of data and waveform.  
Complies with ISO, DIN, ANSI, JIS national standards.  
Memory for seven groups of measurement results.  
Measurements can be digital and graphic LCD display.  
Can connect to a computer and printer  
Automatic shutdown

### Specifications

Detection principal:	Current Induction
Evaluation length:	(1-5)
Head vertical radius:	45mm
Indicating error	Not more than $\pm 10\%$
Maximum driving trip:	17.5mm
Measuring range	160 $\mu\text{m}$
Parameters:	Ra (0.005 $\mu\text{m}$ - 16 $\mu\text{m}$ ), Rz (0.02 $\mu\text{m}$ - 160 $\mu\text{m}$ ), Rq, Rt, Rp, Rv, R3z, R3y, RzJIS, Rsk, Rku, Rsm, Rmr & Rx
Power:	Built-in Lithium-ion rechargeable battery
Sampling length:	0.25mm, 0.8mm, 2.5mm & 8mm
Stylus angle:	90°
Stylus force	4mN(0.4gf)
Tip material:	Diamond
Tip radius:	5 $\mu\text{m}$
Variation of indication	Not more than 6%
Dimensions:	143 x 55 x 42mm
Weight:	400gms (Approx)

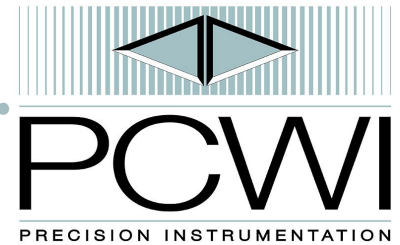
Supplied with:  
Main body, Standard TS100 stylus/sensor, Reticle temp-let, Template support, Movable support, Charger,  
USB charging cable & Carry Case.

Optional accessories on page two.









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## TMR200 Surface Roughness Gauge

	Description
	<b>TS55 -Extension rod.</b> Used to extend length of sensor when testing deep hole (55mm)
	<b>TSS90 -Right angle</b> measuring mechanism.
	<b>TS100 -standard sensor,</b> plane & shaft & inner surface of hole>6mm, depth <22mm
	<b>TS120 -small hole sensor,</b> cylindrical& plane &inner surface of hole>2 mm, depth <9mm
	<b>TS110 -sensor for curved surface</b> & plane, cylindrical, curvature radius>3 mm, work with platform TA1620
	<b>TS131 -sensor for deep groove,</b> cylindrical & plane & groove width>3 mm, depth<10mm work with platformTA1620

Mini printer is also available.

Ordering Information: Part No. LANYUTMR200

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.