

PCWI *Compact* Porosity Detectors

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



P20 & P40 Pulse Porosity Detectors

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

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

Features

Lightweight with ABS case
LED display of voltage
Fully adjustable voltage
Clip-on battery pack
Constant test current
Overcharge protection
Earphones for noisy environments



CONTROL LAYOUT

Controls

1. LCD display
2. On/Battery condition indicator Light
3. Visual alarm indicates when fault is found
4. Voltage Up
5. Voltage Down
6. Off
7. On
8. Audible alarm when fault is found
9. Earphone (connected on opposite side)
10. Fuse (4A slow blow) 5 x 20mm
11. Earth connection point
12. Alarm sensitivity 'wet' or 'dry' conditions (located in battery compartment)
13. Charge connector
14. Clip-on power pack



Complete with

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, Calibration Certificate.

Pipeline Kit:

Detector with clip-on battery, Spare clip-on battery & terminal protector, 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, Calibration Certificate.

Specifications

	P20	P40
Unit weight:	2.2kg	2.2kg
Packed weight:	8.0kg	8.0kg
Display type:	LCD	LCD
Voltage display:	0 to 20kv	0 to 40kv
Resolution:	100v	100v
Alarm range:	2 to 20kV	5 to 40kV
Short circuit test current:	1.5mA max	
Power supply:	LiFePO4 Clip On	
Dimensions:	260 x 160 x 70mm	
Alarm:	Audible	
Probe handle:	Rubber lead	
Battery condition:	LED Indicator	

MADE IN AUSTRALIA