

PCWI Compact

PULSE POROSITY DETECTORS

Complies with the requirements of

AS3894.1-1991 and Nace Standards: TM0186-94; TM0384-94; RP0490-2001; RP0274-98 & RP0188-99

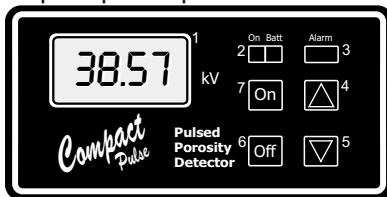
NEW RELEASE

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:
 - In moist conditions
 - On wet coating surfaces
 - On contaminated coating surfaces
 - On carbon-impregnated coatings, ie: carbonated rubber
 - On 'plastic' type coatings likely to become electrostatically charged
 - Coating Thickness Range: 150 to 25,000µm using P40 model

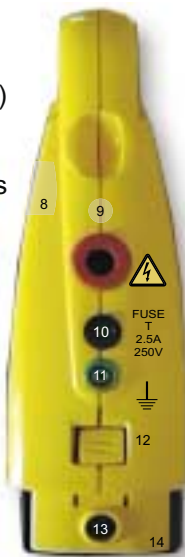
Controls

- 1 LED 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 (2.5A 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



CONTROL LAYOUT

Made in **AUSTRALIA**



SIDE VIEW

Features

- Lightweight with ABS case
- LED display of voltage
- Voltage ranges from 500v to 20kV or 40kV, fully adjustable
- Clip-on battery pack
- Constant test current
- Overcharge protection
- Earphones for noisy environments

Complete with

Industrial Kit:

Detector with clip-on power pack, 10hr 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 with conformance certificate.

Pipeline Kit:

Detector with clip-on power pack, Spare clip-on battery pack, 10hr Charger, Probe handle with 2m lead, 7m Earth lead with clamp, Fan brush, Coil joiner with 450mm connector, Air-operated earphones, Shoulder & Waist Harness, Kit Case, Operating instructions with conformance certificate.

Specifications

	P20	P40
Unit weight:	2.2kg	2.2kg
Packed weight:	6.0kg	6.0kg
Display:	LED	LED
Voltage:	to 20kv	to 40kv
Resolution:	100v	100v
Alarm range:	1 to 20kV	1 to 40kV
Short circuit test current:	1.5mA max	
Power supply:	Gel Cell 3Ah Clip On	
Dimensions:	260 x 160 x 70mm	
Alarm:	Audible	
Probe handle:	Rubber lead	
Battery condition:	LED Indicator	

PCWI Compact

P65 PULSE POROSITY DETECTOR

Complies with the requirements of

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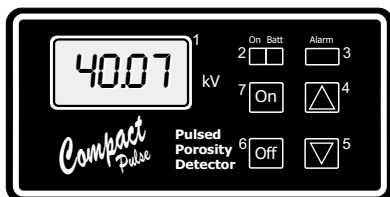
NEW RELEASE

Applications

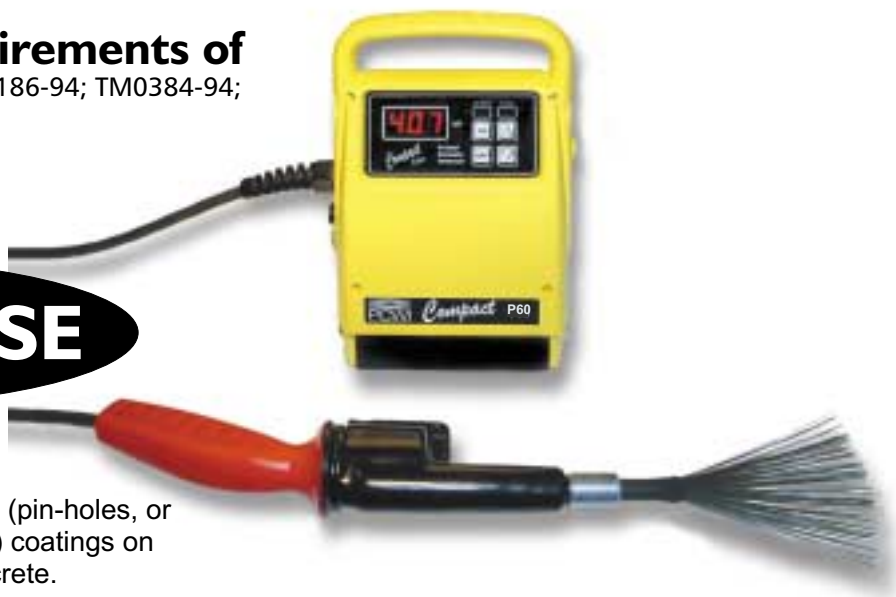
- Used for detection of coating porosity (pin-holes, or holidays) in dielectric (insulation type) coatings on conductive substrates, including concrete.
- Regulated 'Pulsed' output fully adjustable
Ideal for use:
 - On contaminated coating surfaces
 - On carbon-impregnated coatings, ie: carbonated rubber
 - On 'plastic' type coatings likely to become electrostatically charged
 - On very thick coatings

Controls

- 1 LED 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 (2.5A slow blow) 5 x 20mm
- 11 Earth connection point
- 12 Charge connector
- 13 Clip-on power pack



CONTROL LAYOUT



Features

- Lightweight with ABS case
- LED display of voltage
- Voltage ranges from 10kV to 65kV, fully adjustable
- Clip-on battery pack
- Constant test current
- Overcharge protection
- Earphones for noisy environments

Complete with

Industrial Kit:

Detector with clip-on power pack, 10hr 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.



SIDE VIEW

Specifications

Unit weight:	2.2kg
Packed weight:	6.0kg
Display:	LED
Voltage:	10 to 65kV
Resolution:	100V
Alarm range:	10 to 65kV
Short circuit test current:	500µa max
Power supply:	Gel Cell 3Ah Clip On
Dimensions:	260 x 160 x 70mm
Alarm:	Audible
Probe handle:	Rubber lead
Battery condition:	LED Indicator

Made in **AUSTRALIA**