

## Pulse Porosity Detectors P20 & P40

Complies with the requirements of AS3894.1-2002 and Nace Standards: TM0186-94; TM0384-94; RP0490-2001; RP0274-98 & RP0188-99

### 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'/fibreglass type coatings likely to become electrostatically charged
- Coating Thickness Range: 150 to 25,000µm using P40 model

### 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

### General 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	



Order Codes	Description
PM/P20	Pulse Porosity Detector
PM/P40	Pulse Porosity Detector