



INTRODUCING

THE

# INSPECTORS

**THE SMALLEST & LIGHTEST HIGH VOLTAGE POROSITY (HOLIDAY) DETECTOR**


## **Precision in the palm of your hand**

Lightweight and simple to use, the revolutionary NEW "Inspectors" Detector offers high voltage inspection in a convenient hand-held unit.



**PATENT APPLIED FOR**

ANOTHER WORLD FIRST FROM PCWI



# INSPECTORS POROSITY DETECTOR - THE LATEST ADDITION TO THE PCWI COMPACT RANGE



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## Application

Precision inspection for Tanks, Valves, Pumps, Pipeline Field Joints, General Inspection and Maintenance. Suitable for a broad range of testing and inspection requirements.

## Features

- Lightweight, single hand-held operation
- LED bar-graph display of voltage
- LED battery condition indicator
- Audible and visual alarms
- Integral brush probe
- Optional Extended-use power-pack

## Compliances

- CE marking to EMC Directive 89/336/EMC and its amending directives
- Relevant industry standards

## Kit comprises

- Inspectors Detector
- Earth lead (7m) and clamp
- Brush (125mm flat brass wire) or fan
- Battery (9V alkaline internal)
- Carry case
- Operating instructions

## Optional Accessory

- **Extended-use power-pack**

Comprising: Battery pack (12V rechargeable external)  
Battery charger (110-240V AC)

For extended use or testing above 10kV or if using larger brush sizes, it is recommended that the unit be used with the 'Extended-use power-pack'.

## Specifications

Test voltage:	to 20kV
Output test current:	up to 100µA
Operating temperature:	-20 to +50°C
Power supply:	Battery (9V internal) Battery (12V external for extended use)
Unit dimensions:	210 x 75 x 35mm (excl brush)
Unit weight:	460g (incl brush)
Shipping weight:	1.5kg 3kg (with optional Extended-use power-pack)

## Authorised Representative

### Complies with the requirements of

ASTM G62-87(1998), NACE RP0274-2004, NACE RP0490-2001, NACE RPO188-99, ASTM D4787-93(1999), JIS G-3491:2004, JIS G-3492:1993, ANSI/AWWA C214-00, ANSI/AWWA C213-01 and ISO 2746:1998

### Application

- Porosity detection of Tanks, Valves, Pumps, Pipeline field joints, and general inspection and maintenance.
- Suitable for a broad range of testing and inspection requirements. It is recommended that the integral probe be limited to a 125mm flat brush or fan brush.

### Features

- LED bargraph display of voltage
- "Single" hand-held, lightweight unit for simplicity and ease of operation
- Audible and visual alarms
- LED battery condition indicator
- Integral probe

### Voltages

Two Models:

- Variable output in 1kV steps up to 10kV
- Variable output in 1kV steps up to 20kV

### Specifications

Test Voltage: to 10kV (using 9V Battery)  
to 20kV (using 12V external Batt)

Output test current: up to 100µA

Operating temperature: 0 to +50°C

Power supply: Battery (9V internal)  
Battery (12V external for extended use)

Unit Dimensions: 210 x 75 x 35mm (excl brush)  
8.25" x 3.1" x 1.5"

Unit Weight: 460g (incl probe)

Shipping Weight: 1.5kg  
2.1kg (with extended-use power-pack)



### Kit comprises

- Detector
- 7m Earth lead and clamp
- Flat 125mm wide brass wire brush (or optional fan brush)
- Carry Case
- Operating instructions with calibration certificate

Made in **AUSTRALIA**

**PCWI International Pty Ltd**

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