

Elcometer 236 DC Holiday Detector

Can be used in accordance with:

ANSI/AWWA C213*, **AS 3894.1**, **ASTM C 536**, **ASTM C 537**, **ASTM D 4787**, **ASTM G 6**, **ASTM D 5162-B**, **ASTM G 62-B**, **BS1344-11**, **DIN 55670**, **EN 14430**, **ISO 2746**, **JIS K 6766**, **NACE RP0188***, **NACE RP0274**, **NACE RP0490***, **NACE SP0188**, **NACE SP0490**



The Elcometer 236 Holiday Detector provides high voltage porosity testing to detect pits, flaws, holes, etc. in a wide variety of non-metallic coatings.

The Elcometer 236's convenient carry case allows the probe handle and accessories to be attached to the front making the Elcometer 236 holiday tester ideal for field, site or laboratory inspection.

An accessory pouch, which accommodates the additional rechargeable battery (optional) can also be attached to the soft carry case - thereby extending inspection time without the need for recharging the unit.

Features

- Robust and fully portable
- Audio and visual alarms for noisy environments
- Supplied with a band brush probe
- Digital display of output voltage or current
- Adjustable sensitivity
- 15kV and 30kV options available with fully adjustable output voltage
- The Elcometer 236 holiday detector is available in two versions: 0.5 - 15kV and 0.5 - 30kV. Each unit provides the user with complete control of voltage and sensitivity settings.



* Standards not in bold have been superseded but are still recognised in some industries

Technical Specifications

	Elcometer 236 15kV Holiday Detector	Elcometer 236 30kV Holiday Detector	Certificate
Part Number	D236--15KV	D236--30KV	o
Part Number with Certificate	D236--15KVC	D236--30KVC	•
Voltage Output	0.5 - 15kV in 100V steps	0.5 - 30kV in 100V steps	
Display Resolution	0.01kV	0.1kV	
Approximate Thickness Range	0 - 3.75mm	0 - 7.5mm (0 - 300mils)	
Operating Temperature	0°C to 50°C		
Alarms	Audible & Visual		
Power Supply	NiMH 12V internal rechargeable battery		
Battery Life (approximate)	10/12 hours continuous use 20/24 hours with the optional external battery pack		
Dimensions	200 x 170 x 70mm		
Weight	2.8kg		

- o Optional Calibration Certificate available
- Calibration Certificate supplied as standard

Packing List

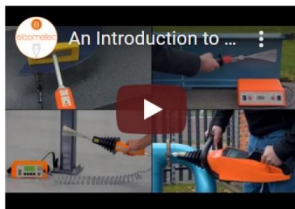
- Elcometer 236 Holiday Detector
- Probe Handle & Lead
- Band Brush Probe
- 2m & 10m Signal Return/Earth Leads
- Battery Charger with 3 main Cables
- Carry Case
- Transit Case
- Operating Instructions

Accessories

- | | |
|-------------|---------------------------------------|
| T23622790-1 | Telescopic probe handle 600 - 1200mm |
| T23622790-2 | Telescopic probe handle 1800 - 3600mm |
| T236139031 | 2m earth signal return lead |
| T236139032 | 10m earth signal return lead |
| T23615550 | External battery pack |



Video



YouTube Video - An Introduction to Pinholes and Holidays – Porosity Detection
(Click on the image to the left to view the video)

Corrosion is caused by two things – a steel substrate and oxygen, while contaminants such as water can accelerate the process. The coating is there to protect the steel from oxygen and contaminants. A flaw in the coating can leave the substrate poorly protected, or in some cases completely exposed.

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