

## Elcometer 266 Holiday Detector

The Elcometer 266 revolutionises High Voltage DC testing of coatings porosity detection making it safer, easier and more reliable than ever before.

A wide range of probe brushes and springs available

Voltage calculator automatically sets the correct voltage from your coating thickness value

Adjustable Voltage:  
0.5kV - 1kV in 50V steps  
1kV to 30kV in 100V steps

To change maximum voltage range, select a different handle;  
5kV, 15kV or 30kV DC

Internal Voltmeter/Jeep tester ensures that the test voltage equals the selected voltage

Dual safety switch on handle to avoid accidental switch on

Can be used in accordance with:  
(see Standards Explained inside back cover)

ANSI/AWWA C213	ASTM D 5162-B	ISO 2746	NACE RP0190
AS 3894.1	ASTM G 62-B	ISO 29601	NACE RP0490
ASTM C 536	BS1344-11	JIS K 6766	NACE SP0188
ASTM C 537	DIN 55670	NACE RP0274	NACE SP0490
ASTM D 4787	EN 14430	NACE RP0188	



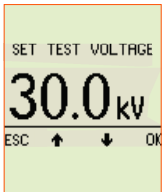
### Elcometer 266 Key Features



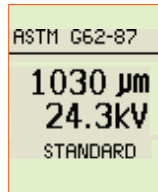
**Interchangeable DC probe handles**  
 Voltage Range                      Max Coating Range  
 500 - 5,000 Volts                      1.25mm (50mils)  
 500 - 15,000 Volts                      3.75mm (150mils)  
 500 - 30,000 Volts                      7.50mm (300mils)



**Visual and audible holiday alarms**  
 Bright LEDs on the handle, as well as a loud buzzer, clearly indicate when a holiday is detected



**Internal jeep tester**  
 Continuous testing ensures that the selected test Voltage is always generated - regardless of the battery life or climatic conditions



**Integrated voltage calculator**  
 Enter the test standard & the coating thickness then the gauge will automatically programme the correct voltage



**Testing has never been safer**  
 Ribbing provides additional user protection - specifically designed to meet EN 61010



**Second hand grip is available**  
 Ideal for testing pipes and tank floors with 2 hands - without compromising safety



**Removeable, quick charge batteries**  
 Fully charge the battery pack in 4 hours, within the gauge or separately, for up to 40 hours of continuous testing



**Universal probe adaptors**  
 Enables the Elcometer 266 to work with all major holiday detector's accessories

### Technical Specification

certificate available

Description	Part Number
Elcometer 266*	D266----4
High Voltage Output Accuracy	±5% or ±50V below 1000 Volts
Operating Temperature	0°C to 50°C (32°F to 120°F)
Power Supply	Rechargeable lithium ion battery, fully charged within 4 hours
Measured Current Flow Accuracy	±5% of full scale                      Output Current:                      0 - 100µA maximum
Typical Battery Life - Backlight Off (On)	DC5: 40 (20) hours                      DC15: 20 (15) hours                      DC30: 10 (8) hours
Instrument Case Dimensions	Waterproof, ABS case; 520 x 370 x 125mm (20.5 x 14.5 x 5")
Weight	Base unit (including battery pack): 1.2kg (2.7lb)                      Handle: 0.6kg (1.3lb)
Packing List	Elcometer 266 DC Holiday Detector, lithium battery, curly connection cable for high voltage handle, 10m (32') signal return lead, battery charger with 3 mains cables (UK, EUR and US), band brush, shoulder strap, tough plastic carry case and operating instructions

### Accessories

	DC5 (0 - 5KV)	DC15 (0 - 15kV)	DC30 (0 - 30kV)
Elcometer 266 Probe Handle (Voltage)*	T26620033-1	T26620033-2	T26620033-3
Second Hand Grip	T26620081		
Earth Signal Return Lead	4m(13'): T99916954	10m(32'): T99916996	

**For rolling springs, rubber or wire brush probes and other accessories see pages 14 - 18**

\*The Elcometer 266 does not include the probe handle; please select the required handle from the list above