



# Datasheet



0370 330 6021  
[www.sunbeltrentals.co.uk](http://www.sunbeltrentals.co.uk)

The Metrohm High Voltage Indicator is a tough, compact, passive instrument that detects the presence of voltage in circuits up to 15kV A.C. It consists of a resistive element, neon indicator, hand guard, handle and earth lead.



## Product Features

- Indicates the presence of live voltage on circuits up to 15kV
- A.C. Circuit redundancy for added safety
- Suitable for discharging lines
- Flashing neon display for clear indication
- Supplied with proving unit
- Small, compact unit suitable for use in confined spaces
- High immunity to interference fields
- DC. blocking version available
- 60° and 90° bent end adaptors available

# HVI

high voltage indicator

  

# high voltage

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high voltage indicator

## high voltage



### Electrical Indicator

Operating Voltage: 0.2 to 15kV, rms, 50/60Hz  
 Circuit Current: 0.4mA nominal at 15kV  
 Dielectric Test: 0.293mA nominal at 11kV  
 20kV, rms, 50Hz for 1 minute

Spark Protection: The indicator will not be damaged as a result of spark discharges when making contact with the conductor under test.

Bridging Protection: The indicator and its accessories will not cause flashover between line pairs of the installation or between line pairs of the installation and ground.

Proving Unit Output Voltage: 300V DC.nominal  
 Batteries: 2off C cells, IEC R14 or LR14  
 Battery Low Voltage: 2V DC nominal

### Mechanical Specifaction Indicator

Length: 485mm  
 Diameter: 32mm  
 Handle Length: 139mm  
 Hand guard Width: 100mm  
 Weight: 600gms  
 Material: Black rigid PVC/Clear Polycarbonate

### Proving Unit

Length: 255mm  
 Diameter: 37mm  
 Weight: 400gms  
 Material: Black rigid PVC

### Carrying Satchel

Length: 550mm  
 Width: 130mm  
 Depth: 130mm  
 Weight: 500gms  
 Material: Soft black PVC

### Environmental

Operational Temperature Range: -5°C to +50°C  
 Cold Temperature: To IEC 68-2-1  
 Dry Heat: To IEC 68-2-2  
 Damp Heat: To IEC 68-2-3  
 Vibration Test: To IEC 1243, Part 1, clause 6.4.3  
 Bump Test: To IEC 68-2-29  
 Drop Test: To IEC 1243, Part 1, clause 6.4.4  
 Shock Resistance: To IEC 1243, Part 1, clause 6.4.5

LIST OF EQUIPMENT		
PRODUCT	PART NO.	WEIGHT
H.V. Indicator Tester c/w Earth Lead	FO356A	600gms
Earth Lead	DFH5008	250gms
Proving Unit	FO300A	400gms
60° Bent End Adaptor	DFH5051	
90° Bent End Adaptor	DFH5050	
Carrying Satchel	CMP5017	500gms
Cleaning Kit	DDM5003	
Proving Unit Batteries 2 X HP11	CEJ0000	
Complete Kit (A) comprising: H.V. Indicator, Earth Lead, Proving Unit, Cleaning Kit and Carrying Satchel	FO357A	1.5kg
Complete Kit (B) comprising:	FO357A + DFH5051	
Complete Kit (C) comprising:	FO357A + DFH5050	

Spirent Communications (Scotland) Ltd policy is one of continuous development and hence we reserve the right to change specifications/design without prior notice.



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## LOCATIONS

### LONDON, HEATHROW

#### Sunbelt Rentals UK Test & Monitoring

242-252 London Road, Staines, London TW18 4JQ

0333 122 3126

[www.sunbeltrentals.co.uk/find-a-depot/london-heathrow](http://www.sunbeltrentals.co.uk/find-a-depot/london-heathrow)

### REDCAR

#### Sunbelt Rentals UK Test & Monitoring

Unit 5 Kirkleatham Business Park, Redcar TS10 5SQ

0370 330 6021

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### STOKESLEY

#### Sunbelt Rentals UK Test & Monitoring

2 Ellerbeck Way, Stokesley Business Park, Stokesley, North Yorkshire TS9 5JZ

01642 718 900

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