



H.V. TEST

Specialists in High Voltage
Testing & Diagnostics

Trolley HVSG1000-8 Large Wheels 8kV Portable fault locating system

Projects

The Trolley HVSG1000-8 is an 8kV portable system for testing and fault locating on low and medium voltage cables.

Repairs

The powerful ARM (Arc Reflection Method) method featured by the Arc Reflection Method reflectometer is used for pre-locating high-resistance faults at any of the 3 ranges (2-4-8 kV) of the pulse waves impulse generator. Low-resistance faults can be located through the TDRL (Time Domain Reflection) method, avoiding the use of high voltage/energy methods.

Services

Training

Products



Features:

- Compact, portable and sturdy unit.
- Safe and rapid location of faults applying the latest technologies in the field of reflectometry.
- High peak power to ensure accurate and effective pin-pointing.
- This unit features several fault location methods (TDR-ICE-ARC)

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TECHNICAL SPECIFICATIONS

IRG2100

- Distance range 1000 m to 250 Km @ 80 m/ μ sec
- Pulse width 150ns to 8 μ s
- Pulse amplitude 20Vp to 100Vp
- Resolution 1 m @ 80m/ μ sec
- Operating frequency 80 Mhz
- Methods TDR, ICE, ARC and DECAY
- Output impedance 50 ohm
- Measurement Movable cursor display
- VP/2 Adjustable between 50 m/ μ sec - 150m/ μ sec
- Zoom Yes
- Memory > 1000 reflectograms
- Connections USB2.0 - BNC
- Display 8.4" TFT high contrast colour,
800 x 600 pixels, LED backlight

HVSG1000 32kV

- High voltage test 0 – / 0 – 4kVcc / 0 – 8k V DC
- Peak power per scope @ 2kVcc – 1024J
@ 4kVcc – 1024J
@ 8kVcc – 1024J
- Discharge frequency 4 – 6 sec.
Manual
- Grounding Automatic
- Filter ARC - ICE
- Dimensions mm (h x w x d) 1110 x 800 x 820
- Weight 150 kg
- Power supply 220 VAC/50Hz

