



H.V. TEST

Specialists in High Voltage
Testing & Diagnostics

HVSG1000-8 8kV Portable surge wave generator

The HVSG1000-8 is a 8kV surge wave pulse generators, specially designed to locate faults in power cables.

The output voltage can be continuously adjusted in the ranges 0-2kV, 0-4kV and 0-8kV.

An energy peak of 1000J at each range provides the power needed to accurately pinpoint an acoustic cable fault in conjunction with the listening set.

It incorporates earthing that in case of disconnection the internal capacitors and the installation tested are automatically discharged.

The earthing, power and AT terminals are located on the back of the unit and are easily accessible to the operator.

Optionally, a filter can be incorporated for the ARC (Arc Reflection Method) method, as well as the high voltage source function for dielectric continuous current testing.

Projects

Repairs

Services

Training

Products



Features:

- Compact, portable and sturdy unit.
- Voltage adjustable continuously.
- Automatic grounding.
- Optimized de-energization energy by means of a capacitor switch.
- High energy peak for accurate and effective location

H.V. TEST

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Website: www.hvtest.co.za

Address: 17 Gaiety Avenue, Robindale, Randburg



HVSG1000-8

8kV Portable surge wave generator

TECHNICAL SPECIFICATIONS

Specifications

- | | |
|------------------------------|---|
| • DC output power | 0 – 2kVcc 0 – 4kVcc 0 – 8kVcc |
| • Peak power per scope | @ 2kVcc – 1000J
@ 4kVcc – 1000J
@ 8kVcc – 1000J |
| • Weight | 130kg |
| • Grounding | Automatic |
| • Coupler | ICE (Impulse Current Method) |
| • Dimensions mm. (h x w x d) | 650 x 750 x 480 |
| • Power supply | 220 Vca/50Hz (110 Vca/60hz optional) |
| • Operating temperature | -10 °C ... +50 °C |

Included

- 220 VAC power cable.
- 5m HV shielded cable.
- 10m protective ground cable.
- 3m external DC power supply cable.
- Operation manual.

Optional

- ARC Filter (Arc Reflection Method)

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