

## GIC 2-4-8 / GIC 8-16-32

Portable surge wave generator.

### Highlights

- ▶ 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.

### Description

GIC 2-4-8 / GIC 8-16-32 are shock 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 for GIC 2-4-8 and 0-8kV, 0-16kV and 0-32kV for the GIC 8-16-32.

An energy peak of 1000J (2000J optional) at each range provides the power needed to accurately pinpoint an acoustic cable fault in conjunction with the RPF A/I fault punch.

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.

### Delivery kit:

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

### Optionals:

- ARC Filter (*Arc Reflection Method*)

### Additional equipment

#### FAULT PIN-POINTER RPF A/I

It is a receiver of acoustic shock waves and audio frequencies.

It is used to pin-point cable faults in power cables and installations and to trace the route of underground cables.



#### GROUND FAULT LOCATOR - RMA

Identifies the exact location of earth leakage by driving a high voltage signal that radiates at the fault location.



MADE IN ARGENTINA

### TECHNICAL SPECIFICATIONS

#### GIC 2-4-8

DC output power	0 – 2kVcc	0 – 4kVcc	0 – 8kVcc
Peak power per scope	@ 2kVcc – 1000J (2000J op onal) @ 4kVcc – 1000J (2000J op onal I) @ 8kVcc – 1000J (2000J op onal)		
Weight	130kg		

#### GIC 8-16-32

DC output power	0 – 8kVcc	0 – 16kVcc	0 – 32kVcc
Peak power per scope	@ 8kVcc – 1000J (2000J op onal) @ 16kVcc – 1000J (2000J op onal) @ 32kVcc – 1000J (2000J op onal)		
Weight	120 kg		

#### Common to both models

Grounding	Automa c
Coupler	ICE ( <i>Impulse Current Method</i> )
Dimensions mm. (height, width, depth)	650 x 750 x 480
Power supply	220 Vca/50Hz (110 Vca/60hz op onal)
Opera ng temperature	-10 °C ... +50 °C

#### REFLECTOMETER - TS80

Portable cable fault pre-locating equipment.

The primary objective of the use of reflectometry is to pre-locate a power cable failure in a fast and accurate way so as to ensure optimum basis for further pinpointing.

