

## AUDIO FREQUENCY GENERATOR RGT 100

It is an audio frequency generator to locate and trace the route of underground cables and to pin-point cable faults.

### Highlights

- ▶ Powerful and long-reach generator.
- ▶ Compact size.
- ▶ Modulation of blinking signal.
- ▶ Multi-frequency.
- ▶ Output impedance adaptation circuit.

### Description

The **RTG 100** audio frequency generator enables operators of power companies and telecommunication cables resolve a wide variety of problems.

This generator can be used to trace the route of underground cables and to locate and identify cable faults.

A new development in the **RGT 100** range is its capability of transmitting three frequencies simultaneously, enabling the operator to select the best frequency received during the localization process.

The **RTG 100** audio frequency generator is used combined with the cable fault pin-pointer **RPF A/I**.

Thanks to its reliable design, there is no overheating of the generator in continuous operation, both when feeding capacitive loads or inductive loads..

## AUDIO FREQUENCY GENERATOR RGT 100R



The **RTG 100** audio frequency generator is available in its 19-inch version, and it is suitable for 19-inch rack measurement systems.



### Delivery kit:

- Connection cable to the testing circuit.
- 220 VAC power cable.
- Operation manual.

MADE IN ARGENTINA

### TECHNICAL SPECIFICATIONS

#### RGT 100

Selectable frequencies	10 kHz – 1.48 kHz - 480 Hz
Output power	adjustable from 0 to 100 VA
Frequency range	0.48 – 1.48 – 10 kHz
Output impedance $\Omega$	1 – 2 - 5
	10 -30 - 100
	300 – 1000
Signal	Pulsed rectangular wave
	Continuous linear
Measurement	LCD graphic display
Dimensions mm. (height, width, depth)	310 x 395 x 235
Weight	14 kg
Power supply	220 VAC – 50 Hz
Operating temperature	-10°C / +50°C

### Additional equipment

## FAULT PIN-POINTER RPF A/I

### Description

The **RPF A/I** fault pin-pointer is an audio frequency receiver that, in conjunction with the **RGT 100** audio frequency generator, can be used to pin-point short-circuit cable faults and to trace the route of underground cables.



### Highlights

- ▶ Lightweight receiver with carrying straps.
- ▶ Excellent magnetic reception.
- ▶ Bar graph indication of magnetic field strength (enables accurate tracing of cable route).
- ▶ LCD display provides perfect visibility in low-light conditions.
- ▶ Battery status indicator.
- ▶ Heavy duty construction for continuous operation.