

REFLECTOMETER - TS 80

Portable cable fault pre-locating equipment.

Highlights

- ▶ 8.4 inch color LED backlight screen.
- ▶ Easy operation through its touch screen.
- ▶ Compatible with all existing pre-locating systems.
- ▶ Compatible with all existing locating systems.

Description

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.

Technical specifications

- Simple operation.
- Compact, portable and lightweight equipment.
- TDR - ICE - ARM - DECAY technology.
- Display of up to 4 different measurement curves.
- USB port connection.
- Step selectable digital filtering.
- High resolution thanks to the fast sampling frequency of 80 MHz.
- Internal compensation for a good representation of surrounding areas.
- 1 GB memory for correct measurement storage.

Filters

- ARM filter (Arc Reflection Method).
- DECAY filter (voltage decay reflection).
- Inductive coupling for Impulse Current Method (ICE).

REFLECTOMETER -TS 80R

The TS 80 reflectometer is available in its 19-inch version, and it is suitable for 19-inch rack measurement systems.



MADE IN ARGENTINA

TECHNICAL SPECIFICATIONS

TS 80

Measuring ranges	1000 m to 250 Km @ 80 m/μsec
Pulse width	150ns at 8μs
Pulse amplitude	20Vp a 100Vp
Resolu on	1 m @ VP2=80m/μseg
Sampling frequency	80 MHz
Methods	TDR, ICE, ARC and DECAY
Output impedance	50 ohm
Measurement	Movable cursors on screen
VP/2	Adjustable between 50 m/μsec-150m/μsec
Zoom	Yes
Memory	> 1,000 reflectograms
Connectors	USB 2.0 - BNC
Display	8.4inch high-contrast TFT LED backlight color screen, 800 x 600 pixels
Dimensions mm. (height, width, depth)	162 x 365 x 273
Weight	5 kg
Power supply	240 VAC / 50Hz
Operating temperature	-10 °C ... +50 °C

Additional equipment

GIC 2-4-8 GIC 8-16-32

Portable high voltage impulse generator.



RLF P8-16-32

It is a portable system for testing and fault locating on low and medium voltage cables.



RLF C8-16-32

Compact system for testing and fault locating on low and medium voltage cables.

