Diagnóstico, Ensayo y Localización de Fallas

# **RLF P8-16-32**

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

# **Highlights**

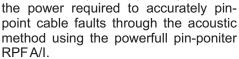
- Compact, portable and sturdy unit.
- Safe and rapid location of faults applying the latest technologies in the field of reflectometry.
- High peak power to ensure accurate and effective pin-pointing.
- This unit features several fault location methods (TDR-ICE-ARC).

## **Description**

The RLF P8-16-32 is a portable system for testing and fault locating on low and medium voltage cables.

The powerful ARM (Arc Reflection Method) method featured by the TS80 reflectometer is used for pre-locating high-resistance faults at any of the 3 ranges (8-16-32 kV) of the shock waves impulse generator. Low-resistance faults can be located through the TDR (Time Domain Reflection) method, avoiding the use of highvoltage/energy methods.

A peak power of 1024J (2048J optional) provides



This powerful high-voltage source allows testing at any voltage level up to 32kV.

Its sturdy wheels make this unit suitable for field work. Ground, power supply and HV terminals are located in the rear part of the unit and are easily accessible.



### **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.

#### **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.

#### **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		
TS 80		
Distance range	1000 m to 250 Km @ 80 m/μsec	
Pulse width	150ns to 8μs	
Pulse amplitude	20Vp to 100Vp	
Resolu on	1 m @ 80m/ μsec	
Opera ng frequency	80 Mhz	
Methods	TDR, ICE, ARC and DECAY	
Output impedance	50 ohm	
Measurement	Movable cursor display	
VP/2	Adjustable between 50 m/µsec-	
VF/Z	150m/μsec	
Zoom	Yes	
Memory	> 1000 reflectograms	
Connec ons	USB2.0 - BNC	
Display	8.4" TFT high contrast color, 800 x 600	
	pixels, LED backlight	
Dimensions mm.	162 x 365 x 273	
(height, width, depth)		
Weight	5 kg	
Power supply	220 Vac / 50Hz	
Opera ng temperature	-10 °C +50 °C	
RLF P8-16-32	-	

TECHNICAL SPECIFICATION

ligh voltage test	0 – 8kVcc / 0 – 16kVcc / 0 – 32k V DC
eak power per scope	@ 8kVcc – 1024J (2048J op onal)
	@ 16kVcc – 1024J (2048J op onal)
	@ 32kVcc – 1024J (2048J op onal)
ischarge frequency	4 – 6 sec.
	Manual
irounding	Automa c
ilter	ARC - ICE

Dimensions mm. 1110 x 800 x 820 (height, width, depth) Weight 150 kg 220 VAC/50Hz (110 VAC/60hz op onal) Power supply Opera ng temperature -10 °C ... +50 °C

