



MEGALOC-2

Portable diagnostic device for fault detection and location, designed for operation in harsh conditions.

Supports all types of alarm systems including impulse and resistance based systems. Ideal for service teams conducting field inspection or repair.



General information:

Fault location in impulse networks using a reflectometer
Fault location in resistive systems
Insulation resistance measurement
Loop continuity measurement
10" touch screen
Water- and shock-resistant case
Battery-powered and possibility of power bank supply
Data storage on USB drive or in the FUSION system
Protection class IP65

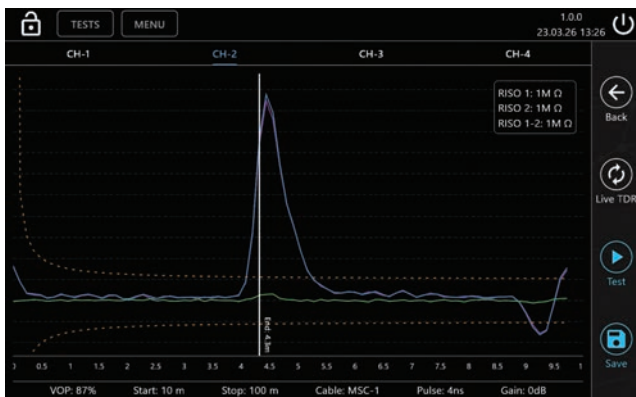
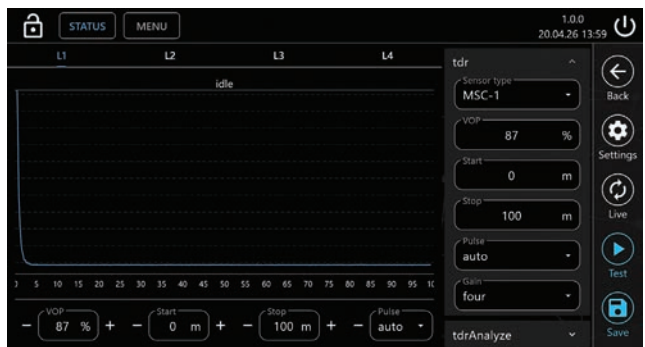
Technical specification:

Fault location using reflectometer:

Measurement range	up to 10 km (at VoP 100%)
Pulse width	1 - 70 ns
Gain adjustment	x 30
Pulse propagation velocity (VoP)	40 - 100%
Selectable measurement range segment	0 - 10 km
Measurement accuracy	+/- 0.01% of range +/- 1 px
Noise filtering	50/60 Hz; 20 MHz, 100 MHz, 200 MHz, 350 MHz, 650 MHz, 750 MHz, 900 MHz

Leak localisation module for resistive networks: (option - MEGALOC-2B)	Measurement accuracy Localisation threshold <i>Localisation results presented in percentage and meters</i>	+/- 1 m +/- 0.2% of section length < 2 MΩ
Insulation resistance measurement:	Measurement range Test voltage Measurement current Measurement accuracy up to 1 MΩ Measurement accuracy above 1 MΩ <i>Measurement performed in two polarities</i>	0.15 - 200 MΩ 24 V max. 100 mA +/- (2% of reading + 8 digits) +/- (5% of reading + 8 digits)
Loop resistance measurement:	Measurement range Test voltage Measurement current max. Measurement accuracy <i>Measurement performed in two polarities</i>	0.15 - 100 kΩ 24 V max. 100 mA +/- (2% of reading + 8 digits)
Galvanic voltage measurement:	Measurement range Measurement accuracy	0 - 2000 mV +/- 5%
Dimensions:	290 x 280 x 140 mm	
Weight:	3.2 kg	

Software:



FUSION SYSTEM - web and mobile application for monitoring system and device status.

Package includes:

MEGALOC-2 device

Magnetic ground connector

Charger

Cable set 2 pcs.

USB flash drive

Alligator clips 4 pcs. standard + alligator clips 4 pcs. mini

Carrying case