



# SMARTLOC-1

## PORTABLE TESTER OF ALARM LOOPS IN PRE-INSULATED NETWORKS



### Smartloc-1

**Dedicated diagnostic device for monitoring alarm systems in any type of pre-insulated networks including impulse and resistance.**

Designed for harsh working conditions

It performs well during the construction of the network and during its operation.

Compatible with mobile application and RATMON system.

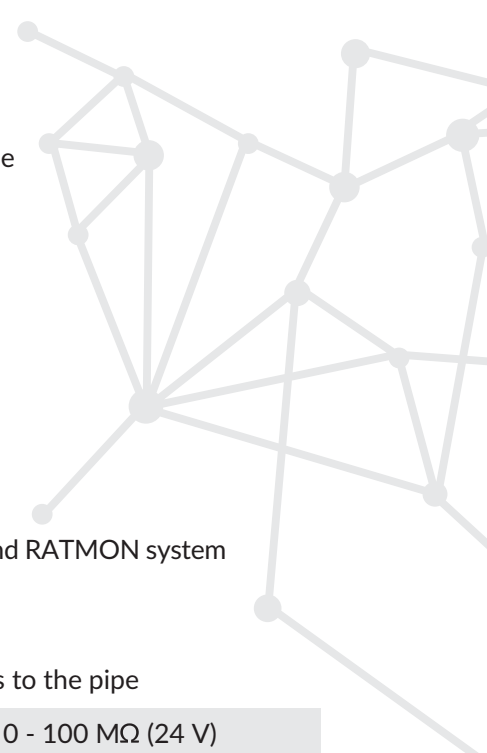
#### General Information:

- Measurement of alarm loop continuity resistance
- Loop length determination
- Foam insulation resistance measurement
- Moisture level given in  $\Omega$  and degrees MH
- Preset leakage localization in resistive networks
- Battery power supply
- Easy-to-read display
- Intuitive operation with large keyboard buttons
- Automatic measurement evaluation
- Ergonomic housing
- Wireless communication
- Protection class IP65
- Cooperation with dedicated mobile application and RATMON system
- GPS coordinates recording
- Report for each measurement point (muffs)
- Possibility to add photos and comments
- Inspection of the connection of measuring wires to the pipe

#### Technical specification:

**Insulation resistance measurement:**

Test range	0 - 100 M $\Omega$ (24 V)
Test voltage	24 V optionally 250 V, 500 V
Test current	max. 10 mA (2 mA at 500 V)
Accuracy up to 1 M $\Omega$	+/- (2% of m. + 8 digits)
Accuracy over 1 M $\Omega$	+/- (5% of. m. + 8 digits)
Measurement in both polarities	



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## Loop resistance measurement:

Test range	0 - 20 k $\Omega$
Test voltage	max. 24 V
Test current	max. 10 mA
Accuracy	+/- (2% of m. + 8 digits)
<i>Measurement in both polarities</i>	

## Galvanic voltage:

Test range	0 - 2000 mV
Accuracy	+/- 5%

## Dimensions:

200 x 100 x 60 mm

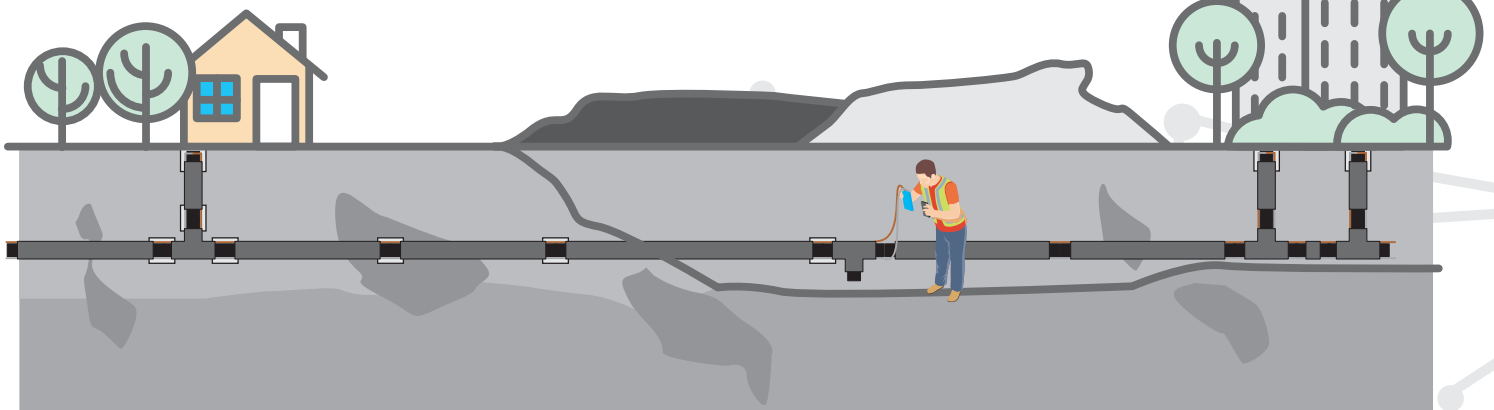
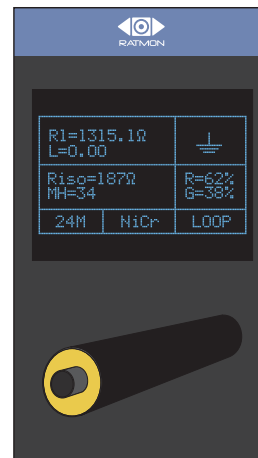
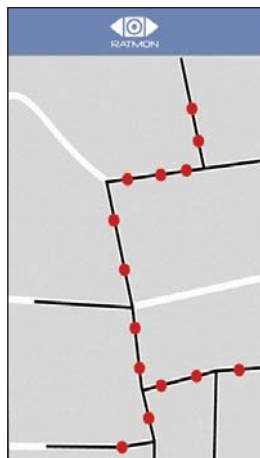
## Weight:

0,6 kg

## Software:



**FUSION MOBILE** - Android and iOS application for wireless communication with the device, as well as management of results and generation of reports.



## Scope of delivery:

- SMARTLOC-1 device
- Magnetic pipe connector
- Batteries
- Measuring wires 4 pcs
- Alligator clips 2 pcs
- Suitcase