

## SMARTLOC-2

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



Fusion APP



#### Smartloc-2

**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 Fusion 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
- NFC communication
- Protection class IP65
- Exchanging data with smartphone software Fusion
- 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 voltage	24 V, optionally 250 V and 500 V
Test range	(24 V) 20 $\Omega$ - 100 M $\Omega$
Test range	(250 V, 500 V) 20 $\Omega$ - 250 M $\Omega$
Test current	max. 10 mA (2 mA at 500 V)
Accuracy	+/- (2% of m. + 4 digits)

## Loop resistance measurement:

Test range	0,15 - 2k $\Omega$
Test voltage	max. 24 V
Test current	max. 10 mA
Accuracy	+/- (2% of m. + 4 digits)
Measurement in both polarities	

## Galvanic voltage:

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

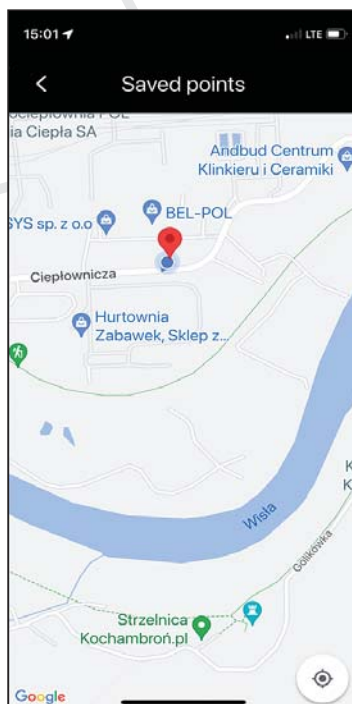
## Dimensions:

200 x 100 x 60 mm

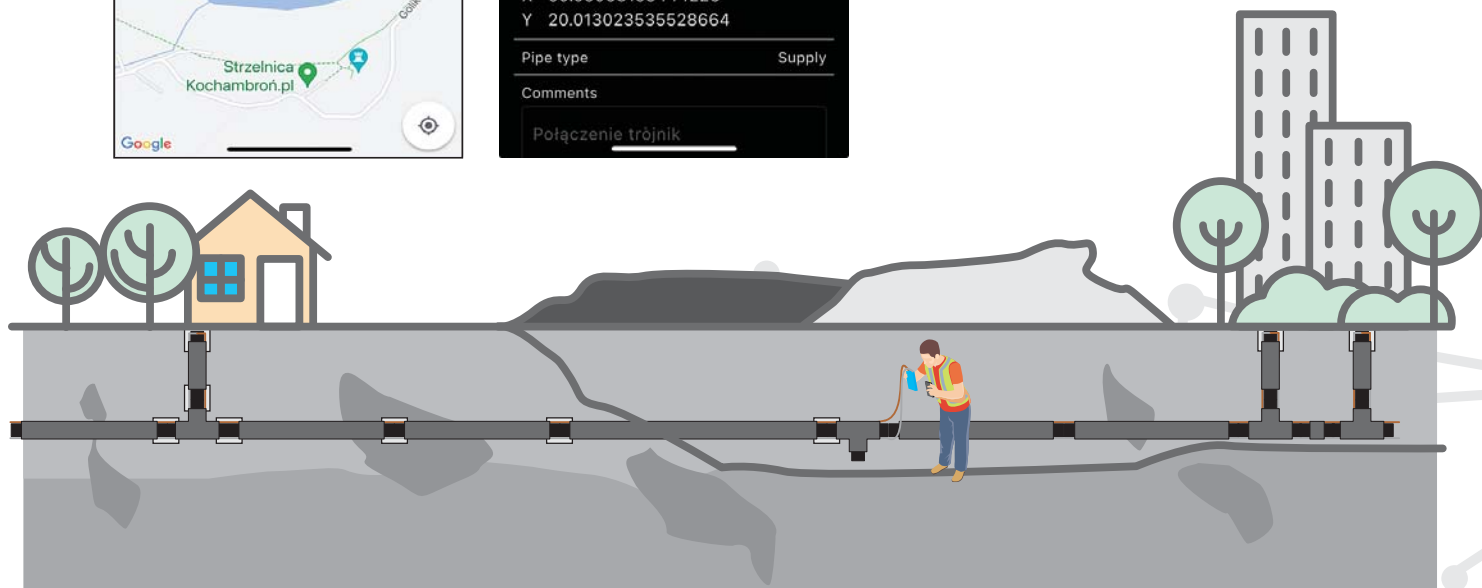
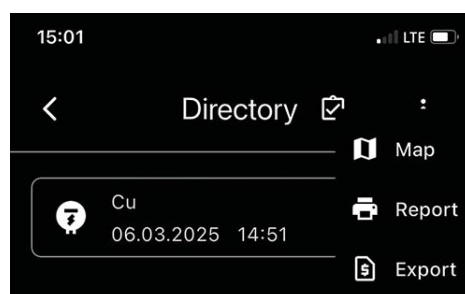
## Weight:

0,6 kg

## Software:



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



## Scope of delivery:

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