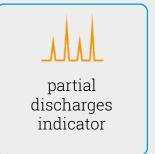


TEST PD





Partial discharges under control

Features

Test PD is a compact, portable device designed for the effective testing of cable heads and cable joints that are live – voltage at least 6 kV.

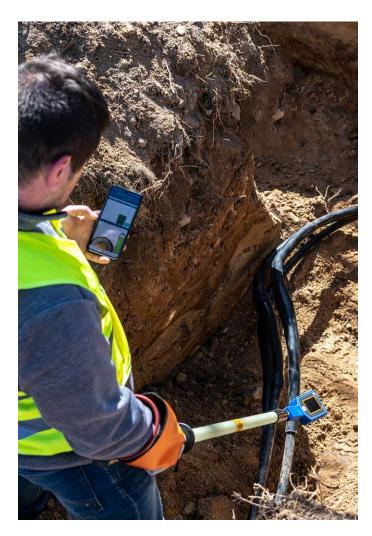
The device is easy to use thanks to the **advanced system integrated into its software**, which allows the user to quickly evaluate the condition of the analysed object. This makes the device user-friendly for service personnel, not requiring a special training.

To test a cable joint, switch on Test PD, install it on a insulating stick and bring it close to the tested object. The information about the current joint condition will be immediately dis-played in the form of 4-colour histograms and a cross-section of the high voltage cable.

The **Sonel TestPD** mobile application for Android devices allows for remote reading of the instrument's indications.

Sensors

- Acoustic ultrasonic sensor for partial dis-charge measurement (AC, 40 kHz).
- Electromagnetic high-frequency sensor for partial discharge measurement (HF, 0.1...2 MHz).
- Capacitive VHF sensor for partial discharge measurement (VHF, 2...100 MHz).
- Non-contact pyrometer (-40°C ...+120°C),
- Industrial current frequency sensor for synchronization of measurements (N)



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Specifications

Measurement functions

Partial discharge frequency range	
AC	40 kHz
HF	0.12 MHz
VHF	2100 MHz
Measured pulse dynamic range	
AC	80 dB
HF	60 dB
VHF	60 dB
Measured temperature range	-40+120°C
Work conditions	
Battery	Li-Ion 18650 battery
Dimensions	205 x 85 x 75 mm
Weight	0.3 kg
Operating temperature	-20+40°C
Humidity	95%
Communication	
Data transmission	Bluetooth 4.1

Standard accessories



Transportation case



UDI-M6 adapter for connecting an insulating stick

WAADAAUDIM6



Euro-M6 adapter for connecting an insulating stick

WAADAEUROM6



Charger with USB port



USB-microUSB cable



User manual



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