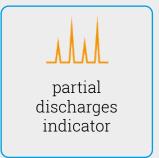


TEST PD





# 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.

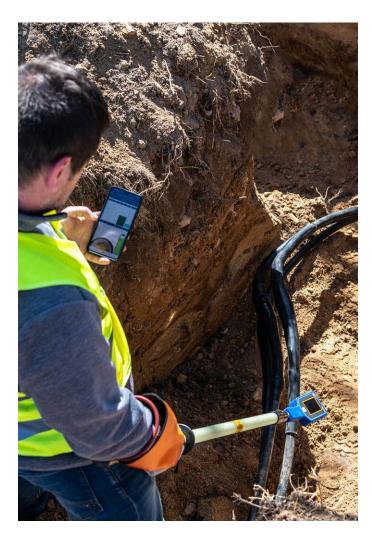
The device is easy to use thanks to the **advanced system integrated into its software**, which allows the user to quickly evaluate the condition of the analysed object. This makes the device user-friendly for service personnel, not requiring a special training.

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   -40+248°C
Work conditions	
Battery	Li-lon 18650 battery
Dimensions	205 x 85 x 75 mm   8.1" x 3.3" x 3.0"
Weight	0.3 kg   0.7 lbs
Operating temperature	-20+40°C   -4+104°F
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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