SURFACE TESTING - RESISTANCE METER

PCE-SRT 10

- **Color-coded LED display**
- **Compact and handy**
- **Gold-plated electrode contacts**
- **Automatic resistance measurement**
- **Two-point pin probe technology**

The portable surface testing - resistance meter on the principle of a two-point pin probe and enables simple and reliable measurement of the surface resistivity of materials - without the need for a megohmmeter, electrometer or other high-voltage measuring devices.

Thanks to its slim and handy design, the device can be conveniently operated with one hand and is ideal for on-site testing or mobile use in production and laboratories. Despite its compact size, it delivers precise results for quickly assessing whether a material is insulating, dissipative or conductive.

The surface testing - resistance meter uses gold-plated, spring-loaded electrodes that ensure excellent contact with a wide variety of surfaces and minimize contact resistance. All electrodes are replaceable ATE quality pogo pin probes, made from beryllium copper with a hard gold plating of at least 60 microinches - robust, durable and precise.

The two-point probe head is directly connected to an integrated surface resistance measuring device, which measures the surface resistance at a test voltage of approx. 9 volts. The measurement results are shown on a colored LED display.

Specification

Resistance	
Measurement range up to	10^{3} Ω ... 10^{12} Ω
Resolution	1 Decade
Accuracy	±10% FS
Sensor	
Min. measuring surface	13 mm
Dimension	Diameter: 4 mm
Housing	ABS
Additional description	Nickel/silver, gold-plated

General technical data	
Protection class (device)	IP20
(Rechargeable) battery	1 x 9 V 9V block , Alkali-manganese
Operating conditions	5 ... 50 °C , 0 ... 75 % RH
Storage conditions	-10 ... 50 °C , 0 ... 75 % RH
Dimensions (L x W x H)	210 x 37 x 36 mm
Weight	62 g

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