

ELECTROMAGNETIC FIELD METER

PCE-PSM 10



- » **measurement range: 0.1 ... 200 kV**
- » **measuring function: hold**
- » **working distance: 25 mm \pm 1.0 mm**
- » **LC display 2 inch with backlight**
- » **earth connection**

The electromagnetic field meter has a measurement range of 0.1 to 200 kV and an accuracy of $\pm 10\%$ and is a test device for detecting the electrostatic voltage on the surface of objects. It uses non-contact measurement technology to detect the electrostatic field. The electromagnetic field meter has a hold function that allows measured values to be recorded and a zero function that can be used to set the device to "0" before each measurement.

The ideal measuring distance is 25 mm \pm 1.0 mm. The electromagnetic field meter is equipped with a 2-inch LC display with backlight, which allows the measured values to be read clearly even in poor lighting conditions. An automatic power off function after 5 minutes of non-use protects the batteries and extends the operating time. The electromagnetic field meter is powered by AAA batteries and, with a compact size of 140 x 75 x 35 mm and a weight of 122 g, is lightweight and portable.

In addition, the electromagnetic field meter has an earth connection to ensure proper earthing and therefore safety during use. This makes the meter versatile and suitable for use in electronics, plastics, chemicals and other industries.

Specification

Radiation

Measurement range up to 0,1 ... 200 kV DC

Resolution 0,1 kV DC

Accuracy $\pm 10\%$

General technical data

Measuring functions HOLD

Display type LCD with backlight

Display size 2 Inch

Current consumption meter 100 mA DC

Automatic power-off 5 min

Working distance 25 mm ± 1.0 mm

Protection class (device) IP20

(Rechargeable) battery 2 x 1,5 V AAA battery , Alkali-manganese

Capacity 1200 mAh

Operating conditions $-18 \dots 50\text{ }^{\circ}\text{C}$, 0 ... 85 % RH

Storage conditions $-18 \dots 50\text{ }^{\circ}\text{C}$, 0 ... 85 % RH

Dimensions (L x W x H) 140 x 75 x 35 mm

Weight 122 g