# ELECTROSTATIC METER

## PCE-PSM 10




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

The Health & Safety has a measurement range of 0.1 to 200 kV and an accuracy of ±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 Health & Safety 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 ±1.0 mm. The Health & Safety 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 Health & Safety 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 Health & Safety 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 | |
|---|---|
| Measuring range up to | 0,1 ... 200 kV DC |
| Resolution | 0,1 kV DC |
| Accuracy | ±10% |

| General technical data | |
|---|---|
| Measuring functions | HOLD |
| Display Typ | LCD with illumination |
| Display size | 2 Inch |
| Current consumption measuring device | 100 mA DC |
| Automatic power-off | 5 min. |
| Working distance | 25 mm ±1.0 mm |
| Protection class (device) | IP20 |
| Battery/battery | 2 x 1,5 V AAA Battery (1,5V) , Alkali-Manganese |
| Battery capacity | 1200 mAh |
| Operating conditions | -18 ... 50 °C , 0 ... 85 %RH |
| Storage conditions | -18 ... 50 °C , 0 ... 85 %RH |
| Dimensions ( L x W x H ) | 140 x 75 x 35 mm |
| Weight | 122 g |