

# Environmental Meter PCE-RDM 5



**Environmental Meter for dose measurement of X-ray, gamma and beta radiation / easy to use / alarm function / battery operation.**

The Environmental Meter is a small sensitive radiation meter used for monitoring X-rays, gamma and beta radiation. The Environmental Meter uses an energy compensated Geiger-Müller counting tube as detector for accurate measurement. According to the Radiation Protection Ordinance (StrSchV), it is mandatory in some areas to perform personal dosimetry using a Environmental Meter. The Environmental Meter is equipped with a powerful microprocessor and a TFT screen, which makes it easy to operate.

The Environmental Meter itself has three alarm modes: sound, LED light and vibration. The alarm limit can be set as you like. When the alarm limit is reached, an alarm is issued, for protection. The main technical indicators of the device comply with the international standard.

- ▶  $\alpha$ -,  $\beta$ - and X-ray radiation
- ▶ Dose measurement 0.08 ... 9999 $\mu$ Sv/h
  - ▶ alarm function
  - ▶ battery operation
  - ▶ vibration alarm
  - ▶ real time value
  - ▶ Navigation bar
- ▶ Type USB C charging port

# Specifications

## Radiation min/max

Measuring range min.	0,08 $\mu\text{Sv/h}$
Measuring range max.	9.999 $\mu\text{Sv/h}$
Resolution	0,01 $\mu\text{Sv/h}$

## General technical data - Specific

Data interface	USB-C
Battery capacity	400 mAh
Response time	10 s

## General technical data

Menu language	English
Protection class	IP20
Weight	45 g
Net weight	57 g
Weight gross	141 g
Length	105 mm
Width	27 mm
Height	17 mm
Operating conditions	-10 – 50 °C, 10 – 95 %
Storage conditions	-10 – 50 °C, 10 – 95 %

# More information

Datasheet



More product info



Similar products



Subject to change