

ENVIRONMENTAL METER

PCE-RAM 5



- » **Clip design**
- » **OLED display**
- » **USB-C charging socket**

The environmental meter is a small, highly sensitive radiation warning device mainly used for monitoring X, β and γ . Black and white illuminated OLED display that is clearly visible even at night. It has a warning flashing function.

The environmental meter itself has two alarm modes: sound and LED light. The alarm limit can be set as desired. When the alarm limit is reached, an alarm is given, for protection. The main technical indicators of the device comply with the international standard.

Specification

Radiation	
Measurement range up to	0,05 µSv ... 50 mSv
Resolution	0,01 µSv
Accuracy	-17 % ... +25 % based on 137 Cs γ

General technical data	
Measuring functions	X-rays, Beta radiation, Gamma rays
Display type	OLED
Interface	USB-C
Sensor	48mm Geiger Mueller counter tube
Response time	5 s
Operating time	50 h
Menu language	English
Protection class (device)	IP40
Power supply	3.7 V
(Rechargeable) battery	1 x 3,7 V internal , lithium-ion battery
Capacity	150 mAh
Operating conditions	-10 ... 50 °C , 10 ... 95 % RH
Storage conditions	-10 ... 50 °C , 10 ... 95 % RH
Dimensions (L x W x D)	108 x 108 x 15,3 mm
Weight	19 g