

Geiger Counter PCE-RAM 10



**Geiger Counter to detect α -, β -, γ - and x- radiation / High accuracy / Internal data memory /
Large LCD display / Data transfer to computer / Bluetooth interface**

The Geiger Counter PCE-RAM 10 was developed to detect α -, β -, γ - and x- radiation. The radiation meter PCE-RAM 10 provides many features including a large, high-resolution LCD display with background lights and many indicators. The Geiger Counter PCE-RAM 10 has an internal data storage for up to 2000 data sets, which are saved either manually or automatically. Furthermore the Geiger Counter PCE-RAM 10 is equipped with a Bluetooth interface to transfer the measured data in real-time to a computer. With the software that is included in the delivery, the data can then be further processed and reviewed. The Geiger Counter PCE-RAM 10 stands out with its high accuracy and practical design. The radiation meter can be applied in the pharmaceutical industry, laboratories, power plants, quarries, the emergency services, metal industries, petroleum reservoirs, environmental protection etc.

- ▶ α -, β -, γ - and x- radiation
- ▶ High measuring accuracy
- ▶ Internal data storage for 2000 values

- ▶ Large LCD display
- ▶ Bluetooth interface
- ▶ Software for data processing

Specifications

Types of radiation	α -, β -, γ - and x- radiation Radiation dose rate: 0.01 ... 1000 μ Sv / h
Measurement ranges	Pulse dose rate: 0 ... 30,000 cpm, 0 ... 5000 cps Radiation dose accumulation: 0.001 ... μ Sv ... 9.999 Sv Pulse dose accumulation: 0 ... 9,999 108 pulses or 1000 cpm / mR / hr in Cobalt-60 irradiated environment with current of 1 μ Sv / h
Sensitivity	Alpha rays: from 4 MeV Beta rays: from 0.2 MeV Gamma rays: from 0.02 MeV X-rays: from 0.02 MeV
Accuracy	<10% (less than 500 μ Sv / hr) <20% (less than 600 μ Sv / hr)
Radiation selection	Combination of α -, β -, γ - and X-rays
Sensor	Halogen compensation accumulator
Output port	Bluetooth
Average process time	Manual or automatic, adjustable between 2 ... 12seconds
Display	Digital LCD display, with bar graph display
Alarm function	Acoustic alarm for manually selected value
Normal radiation value of natural environment	Less than 0 ... 0.2 μ Sv / h
Internal data storage	Automatic memory for <2000 measured values
Software	Data transmission in real-time, analysis and recording
Operation temperature	0 ... +50°C / 0 ... 122°F
Power supply	4 x 1.5V AA Batteries
Dimensions	200 x 70 x 45 mm / 7.9 x 2.8 x 1.8 in
Weight	206 g / < 1 lb

More information

Manual



More product info



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