VOLTCRAFT

VOLTCRAFT - TOP PERFORMANCE IN EVERY WAY

For more than 40 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

RM-400
RADIATION SCANNER

CE

Item no: 2564434

The product is a radiation meter. Use the product to detect and measure α-ray, β-ray, γ-ray, and X-ray radiation levels.

FEATURES

α, β, γ and X-ray radiation // High measuring accuracy //
Internal memory for 4000 measured values // Large LCD display //
Bluetooth interface // Data evaluation with software

TECHNICAL DATA

Power supply

Batteries	4x AA 1.5 V batteries

Product

Ray Types	Alpha (α), Beta (β), Gamma (γ), X-ray
Measuring ranges	Radiation dose rate: 0.01 µSv/h - 1000 µSv/h Impulse dose rate: 0-4,000 cpm, 0-4,000 cps Radiation dose accumulation: 0.001 µSv –9999 Sv Impulse dose accumulation: 0-9999
Sensitivity	Cobalt-60 ray environment at 1µSv/h: 108x pulse or 1000 cpm/mR/hr Alpha ray: from 4 MeV Beta ray: from 0.2 MeV Gamma ray: from 0.02 MeV X-ray: from 0.02 MeV
Detector type	Halogen compensating (G.M Geiger counter tube)

Accuracy	<10 % (<500 µSv/h) <20 % (>500 µSv/h)
Internal memory	4000 data sets (auto-save)

Bluetooth module

Version	4.0
Frequency	2.402 – 2.480 GHz
Transmission power	-6.99 dBm
Transmission distance	max. 3 m

Environment

Operating altitude	max. 2000 m
Operating temperature	0 to +50 °C
Storage temperature	-10 to +50 °C
Operating/Storage humidity	<75 % RH (non-condensing) (-10 to +30 °C) <50 % RH (non-condensing) (+30 to +50 °C)

Other

Dimensions (H x W x D)	205 x 71 x 49 mm
Weight	approx. 226 g (without batteries)

Software

Supported OS	Windows® 10 (32/64 bit), 11 (and above)

CONTENTS

Radiation scanner // 4x AA batteries // Carrying case // CD Software // Operating instructions

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