

# **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

## Item no: 2564434

The product is a radiation meter. Use the product to detect and measure  $\alpha$ -ray,  $\beta$ -ray,  $\gamma$ -ray, and X-ray radiation levels.

## **FEATURES**

 $\alpha,\,\beta,\,\gamma$  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)



CE

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	<50 % RH (non-condensing) (+30 to +50 °C)
<b>Other</b> Dimensions (H x W x D)	<50 % RH (non-condensing) (+30 to +50 °C) 205 x 71 x 49 mm

#### 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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