

## 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 ( $\alpha$ ), Beta ( $\beta$ ), Gamma ( $\gamma$ ), X-ray

Measuring ranges  
Radiation dose rate: 0.01  $\mu$ Sv/h - 1000  $\mu$ Sv/h  
Impulse dose rate: 0-4,000 cpm, 0-4,000 cps  
Radiation dose accumulation:  
0.001  $\mu$ Sv - 9999 Sv  
Impulse dose accumulation: 0-9999

Sensitivity  
Cobalt-60 ray environment at 1  $\mu$ Sv/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)
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Radiation scanner // 4x AA batteries // Carrying case // CD Software // Operating instructions