

# 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-300 RADIATION METER



### Item no. 2797234

The compact measuring device can measure X-,  $\beta$ - and  $\gamma$ -radiation.

### FEATURES

Monitoring  $\beta, \gamma$ , X-ray, high sensitivity, fast response time // Real-time dose rate measurement and recording of accumulated dose // Over-dose alarm, adjustable dose rate and metering rate alarm thresholds // Time display // Buzzer alarm function // Auto power off function // Low battery indication function

### TECHNICAL DATA

Battery	Rechargeable lithium-ion battery, 1 cell, 3.7 Wh
Nominal voltage	3.7 V
Capacity	1000 mAh
Charging cable	USB-C to USB-A plug
Charging voltage	5 V / 1A (USB power supply unit)
Radiation types	X-ray (x), beta ( $\beta$ ), gamma ( $\gamma$ )
Measuring ranges	Radiation dose rate: 0.01 $\mu$ Sv/h - 1000 $\mu$ Sv/h
Resolution	0.01 $\mu$ Sv/h
Detector type	G.M Geiger counter tube
Accuracy	$\pm 10\%$ ...
Storage conditions	-10 to +60 °C, 10 - 90 % rH (non-condensing)
Operating conditions	-10 to +40 °C, 10 - 90 % rH (non-condensing)
Dimensions (H x W x D)	159 x 56 x 34 mm
Weight	approx. 136 g



## EQUIPMENT

Monitoring  $\beta$ ,  $\gamma$ , X-ray // Real-time dose rate measurement and recording of accumulated dose // Over-dose alarm // adjustable dose rate and metering rate alarm thresholds // Time display // Buzzer alarm function // Auto power off function // Low battery indication function // Replaceable lithium-ion battery // USB charge // Settings menu for ease of use // Switchable unit  $\mu\text{Sv}$  or  $\mu\text{R}$

## PACKAGE CONTENTS

Meter including batterie // USB-Cable // Manual