SP5660 – RockyRad

Portable Geiger-Müller Counter for Nuclear Radiation

SP5660 RockyRad is a portable, battery-powered Geiger–Müller counter for detecting and measuring nuclear and ionizing radiation. The 35x6x23 mm3 (LxHxW) box kit includes a Geiger–Müller compact module, USB type C to USB cable and a set of rocks and minerals for educational measurements. A mobile interface manages acquisition via Bluetooth connection, supporting measurement sessions, photographic evidence, adjustable measurement intervals, data organization and review, and display of Total Counts, Counts per Minute and Equivalent Dose Rate. Available for AndroidTM mobile with AndroidTM release from 11.

Overview

Product Highlights

- Geiger-Müller Counter
- Battery-powered with USB type C to USB cable included
- Set of Rocks and Minerals included
- Mobile App available for measurement sessions with interface with bluetooth connection

Product Description

The **SP5660** is a box kit measuring 35x6x23 mm^3 (LxHxW), containing a Geiger-Müller counter and a set of rocks and minerals. The content of the delivered package standardly consists of the part list shown in the table below.

What's inside

- The **RockyRad** is a portable Geiger–Müller counter for nuclear radiation detection with a mobile interface to manage the Geiger counter acquisition. Comprising a Geiger-Müller compact module, a USB cable, and a set of rock samples, RockyRAD is more than just a collection of components. It's a modular Educational Kit, a versatile tool that empowers users to assemble and configure it according to specific applications and individual preferences.
- **Rocks and minerals** With RockyRAD, users gain the ability to monitor and comprehend the radiation levels in their immediate environment. The kit is provided with a set of rocks and minerals included and allows to detect and measure ionizing radiation, where the use can manage the acquired data on the mobile App. With RockyRAD, users gain the ability to monitor and comprehend the radiation levels in their immediate environment.

New APP is available on Google Store here and include:

- Start new measurement sessions
- Capture photographic evidence linked to specific readings
- Specify measurement intervals
- Organize and review collected data effectively
- Display information with Total Counts, Counts per Minute and Equivalent Dose Rate
- Interface via Bluetooth connection
- Available for Android™ mobile with Android™ release from 11

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Technical Specifications

DETECTOR	Geiger Module GM J305
DISPLAY	OLED 128×64 pixels 1.54”
MEASURING RANGE	10 nSv/h – 50 µSv/h
SENSITIVITY	44 CPS/10 µSv/h (relative to ^{60}Co)

BATTERY

- Rechargeable Li-Ion battery, 3.7Vdc, 10Ah, 37Wh.
- Power Consumption -0.50W
- Power Supply: 5V (USB-C)

INPUT/OUTPUT	• USB Type-C • Bluetooth

ACCESSORIES

- USB type C to USB cable
- Rock samples: Chalcedony, Tephrite, Pyrite, Porphyry, Amethyst, Trachyte, Granite, Rhyolite
- Additional samples (RockyBOX): Red Calcite, Chalcopyrite, Pink Jasper, Tiger’s Eye Quartz, Rhyolitic Ignimbrite, Diorite, Megabreccia, Pitchblende.

Ordering Information

ORDERING CODE	DESCRIPTION
WK5660XAAAAA	SP5660 – RockyRAD

1. Ordering codes and descriptions are reproduced from the product record. Availability is confirmed at order entry.

Accessories

SPROCKS — RockyBox - Additional Rock Kit

Related Products

SP5630EN — Environmental KIT - Gamma Radiation Measurements

SP5630ENP — Environmental Kit Plus - Gamma Radiation and Shielding Laboratory

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