BERTIN

RiumBox

Fixed dose-rate monitor

A fixed sensor for continuous ambient dose-rate monitoring, available for indoor or outdoor use.



Detector type	Energy range	Weight
Organic scintillator [1]	**30 keV–1.3 MeV** [1]	**Indoor: 250 g; Outdoor: 1 035 g** [1]

Specifications

DETECTOR

Detector type	rganic scintillator	[1]
Radiation	Gamma and X-ray	[1]

MEASURING RANGE

Dose-rate range	0.05 µSv/h–10 mSv/h	[1]
Energy range	30 keV–1.3 MeV	[1]
Angular response	<15% uncertainty over 360°	[1]

CONNECTIVITY & INTERFACE

Communication	Indoor version: Wi-Fi; both versions transmit to the RiumWeb platform	[1]

MECHANICAL

Dimensions	Indoor: 185 × 120 × 50 mm; Outdoor: 250 × 145 × 75 mm	[1]
Weight	Indoor: 250 g; Outdoor: 1 035 g	[1]

ENVIRONMENT & RATINGS

IP rating	Indoor: IP54; Outdoor: IP67	[1]
perating temperature	0 to +40 °C	[1]

GENERAL

Versions	Indoor and Outdoor	[1]
Measured quantity	Ambient dose equivalent rate H*(10)	[1]

Sources

[1] RiumBox
Bertin Technologies · product-page · product page; product page – technical specifications (Indoor / Outdoor) · checked 2026-10-16
https://www.bertin-technologies.com/product/survey-meters/riumbox/

Every value is taken from the manufacturer’s own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.