BERTIN

SaphyRAD C

Contamination meter

Multiprobe handheld contamination meter for alpha and beta contamination, used with external measuring probes and compatible with external analogue probes of other systems.



Energy range
Alpha: 3–8 MeV; beta: 100 keV–2.2 MeV [1]

IP rating
IP52, monitor and probes [1]

Weight
650 g [1]

Specifications

DETECTOR

Radiation	Beta, alpha+beta and gamma; probe dependent	[1]
External probes	Interchangeable contamination probes; compatible with analogue probes	[1]

MEASURING RANGE

Energy range	Alpha: 3–8 MeV; beta: 100 keV–2.2 MeV	[1]

POWER & BATTERY

Battery life	Up to 45 h	[1]
Power supply	Li-ion, 6.8 Ah	[1]

MECHANICAL

Dimensions	200 × 110 × 50 mm	[1]
Weight	650 g	[1]

ENVIRONMENT & RATINGS

Surface-activity range	Alpha: 0.01–100 Bq/cm²; beta: 0.1–2,150 Bq/cm²	[1]
IP rating	IP52, monitor and probes	[1]
perating temperature	−10 to +50 °C	[1]

GENERAL

Measurement modes	Direct, indirect, detection and scaler	[1]
Alarm	2 configurable thresholds; red LED, sound and vibration	[1]

Sources

[1] SaphyRAD C
Bertin Technologies · product-page · product page – technical specifications; product page · checked 2026-10-16
https://www.bertin-technologies.com/product/contamination-meters/saphyrad-c-radioactive-contamination-monitor/

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.