BERTIN

SaphyRAD MS

Handheld multiprobe survey meter for contamination and dose rate

Handheld meter for radiation contamination detection and exposure monitoring, with smart external probes for gamma, alpha, beta, neutron and X radiation as well as gamma identification. It is rugged, usable with full CBRN protective clothing and designed for military operations in harsh environments and emergency contamination control; a built-in simulation mode is used for training.



Energy range
50 keV–3 MeV [1]

Specifications

MEASURING RANGE

Dose-rate range	Gamma: 0.05 µGy/h–10 Gy/h	[1]
Dose range	1 µGy–10 Gy	[1]
Energy range	50 keV–3 MeV	[1]
Response time	<10 s	[1]

CONNECTIVITY & INTERFACE

Display	Large high-resolution colour LCD	[1]
GPS	Built-in GPS	[1]

ENVIRONMENT & RATINGS

perating temperature	–20 to +50 °C	[1]
Storage temperature	–30 to +60 °C	[1]

GENERAL

Use	Contamination detection and exposure monitoring; probes for gamma, alpha, beta, neutron and X radiation and gamma identification	[1]
Applications	First-response CBRN monitoring, military, border CBRN monitoring and armoured CBRN reconnaissance	[1]

Sources

[1] **SaphyRAD MS Handheld Multiprobe Radiation Survey Meter (Bertin Environics)**
Bertin Technologies · product-page · Product page; Product page – Datasheet tab · checked 2026-10-16
https://www.environics.fi/cbrn-products/saphyrad-ms/

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.