BERTIN

Bertin PAM-525BG

Handheld contamination meter

Portable surface contamination monitor with a 525 cm² plastic scintillation detector read by two photomultipliers, and an integrated GM tube for gamma dose rate. The BG version measures alpha + beta and gamma.



Contamination detector	Active area	GM energy range
Plastic scintillator; 2 photomultipliers [1]	**525 cm²** [1]	**50 keV–3 MeV** [1]

Specifications

DETECTOR

Contamination detector	Plastic scintillator; 2 photomultipliers	[1]
Active area	525 cm²	[1]

MEASURING RANGE

Gamma dose-rate detector	Internal GM	[1]
Gamma dose-rate range	100 nSv/h–500 mSv/h	[1]
GM energy range	50 keV–3 MeV	[1]

ELECTRONICS & SIGNAL

Measurement channels (separated by /)	α + β / γ	[1]

POWER & BATTERY

Weight with batteries	<2.4 kg	[1]
Battery life	At least 200 hours without back illumination	[1]
Power supply	Li-Ion; mains adapter	[1]

MECHANICAL

Dimensions (W × H × D)	180 × 170 × 470 mm	[1]

ENVIRONMENT & RATINGS

perating temperature	−10 to +45 °C	[1]

Sources

[1] **PAM-525 Portable Activity Meter – datasheet**
Bertin Technologies · datasheet · p. 1–2; p. 2; p. 2 – types of monitors · checked 2026-10-16
https://www.vfnuclear.com/user_uploads/dms/VF1904170237_PAM-525_datasheet.pdf

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.