BERTIN

Bertin PAM-525CG

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 CG version measures alpha, beta and gamma in separate channels.



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.