BERTIN

BAB A7 Aerosol Beacon

Radioactive aerosol air monitor

Monitor for continuous measurement of artificial alpha and beta aerosols at workstations, during maintenance and dismantling.



Detector type
Dual silicon diode, 2 × 360 mm² [1]

IP rating
IP54 [1]

Specifications

DETECTOR

Detector type	Dual silicon diode, 2 × 360 mm²	[1]
Radiation	Alpha and beta; gamma with optional external probe	[1]

MEASURING RANGE

Measurement range	α: 10⁻³ to 5·10⁴ Bq/m³; β: 10⁻² to 5·10⁴ Bq/m³	[1]

CONNECTIVITY & INTERFACE

Display	5.7″ TFT LCD	[1]
Communication	ShortLINK/SkyLINK radio, VD/VR	[1]

ENVIRONMENT & RATINGS

Operating temperature	+5 to +45 °C	[1]
IP rating	IP54	[1]

GENERAL

Alarm	Audible and visible; 2 adjustable thresholds per radiation type	[1]
Compensation	Gamma background and radon	[1]
Versions	Stationary or mobile	[1]
Detection limit	SDα 0.3 Bq/m³ and SDβ 2 Bq/m³ (radon progeny 37 Bq/m³ on the filter, 1 h measurement)	[1]
Sampling flow	3.8–6 m³/h	[1]

Sources

[1] **BAB A7**
Bertin Technologies · product-page · Datasheet tab (specifications); Datasheet tab (specifications) + product description; Product description · checked 2026-10-16
https://www.bertin-technologies.com/product/environmental-radiation-monitoring/bab-a7/

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.