BERTIN

SA Air Monitoring Station

Air monitoring station

A station for continuous measurement of radioactive aerosols in air and gaseous effluents.



Detector type

Beta: 2,000 mm² silicon diode; gamma: $LaBr_3$(Ce) 1.5″×1.5″ [1]

Energy range

Beta: 80 keV–3 MeV; gamma: 50 keV–2 MeV [1]

Specifications

DETECTOR

Radiation	Beta and gamma	[1]
Detector type	Beta: 2,000 mm² silicon diode; gamma: $LaBr_3$(Ce) 1.5″×1.5″	[1]

MEASURING RANGE

Energy range	Beta: 80 keV–3 MeV; gamma: 50 keV–2 MeV	[1]

SOFTWARE & DATA

Data format	XML (N42.42) to FTP or direct database access	[1]

CONNECTIVITY & INTERFACE

Local display and alarms	No display or local alarm indication	[1]
Communication	Ethernet; wireless router optional	[1]
Data storage	Database on embedded local computer	[1]

POWER & BATTERY

Power supply	SA210 includes battery packs for operation without mains	[1]

ENVIRONMENT & RATINGS

Operating temperature	−30 to +50 °C	[1]

GENERAL

Versions	SA200 and SA210	[1]
Sampling flow	SA200: 17 m³/h; SA210: 3 m³/h	[1]
Compensation	Automatic gamma-background and radon-progeny compensation	[1]

Sources

[1] SA – Air Monitoring station
Bertin Technologies · product-page · product page; product page – technical specifications · checked 2026-10-16
https://www.bertin-technologies.com/product/environmental-radiation-monitoring/sa-aerosol-station/

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.