

# SA Air Monitoring Station



## Air and spectroscopic monitor for Beta & Gamma radiations

- Combined measurement of beta and gamma aerosols (radionuclide identification)
- High resolution and sensitivity
- Adapted to routine operations and emergency monitoring



# SA AIR MONITORING STATION

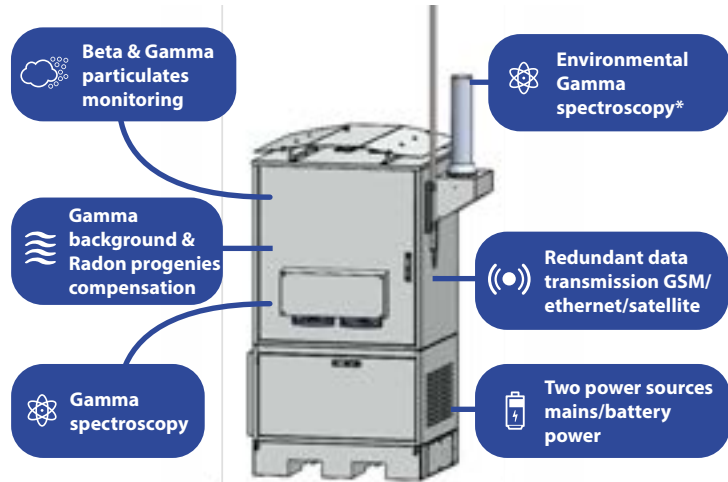
## CONTINUOUS MEASUREMENT OF PARTICULATE ACTIVITIES IN ALL GASEOUS EFFLUENTS

The SA air monitoring station is designed to complement Gamma radiation monitoring systems in environmental networks, where continuous monitoring of the volumetric activity is required.

It combines Beta & Gamma volumetric activity and spectrum measurement within the environment, using large sensors for a high sensitivity. The SA monitor can be part of a national or regional environment network, around nuclear power plants or facilities.

The SA200 version has been designed for high flows. It features an uninterruptible power supply (UPS) input for low-power operation (lower flow rate).

### All-in-one air monitoring station



*\*with optional SpectroTRACER probe*

### Applications



Nationwide monitoring



Ring monitoring for nuclear facilities



Area monitoring



Emergency measurements

### Secured & centralized surveillance system



From one probe to turnkey solutions, your data can be secured and saved in a SQL central server and easily integrated in your internal processes or systems. Web based central data management is also available!

### Technical features

<b>Beta detector</b>	2,000 mm <sup>2</sup> large sensitive silicon diode
<b>Gamma detector</b>	1,5" x 1,5" LaBr <sub>3</sub> (Ce) crystal
<b>Energy range</b>	Beta: 80 keV to 3 MeV Gamma: 50 keV to 2 MeV
<b>Sampling rate</b>	SA200: 15 m <sup>3</sup> /h
<b>Temperature range</b>	From -20°C to +50°C
<b>Power supply</b>	2 power inputs (230Vac or 110Vac): mains and external backup power
<b>Communication</b>	Embedded PC connection (Ethernet) Optional: GPRS, GSM, 3G/4G, Satellite
<b>Dimensions and weight*</b>	225 x 132 x 107 cm - 335 kg with the SpectroTRACER option only

*\* depends on delivered configuration*

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