GammaTRACER XL2



Autonomous Gamma Dose Rate Probe

- More than 4.000 GammaTRACER in operation worldwide
- Easy to install and adapted to harsh environments
- Very low maintenance costs
- Redundant data transmission

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GAMMATRACER XL2

AUTONOMOUS, FLEXIBLE AND ROBUST ENVIRONMENTAL GAMMA DOSE RATE PROBE

GammaTRACER XL2 is an autonomous and hermetically sealed gamma dose rate probe for stationary and mobile use. 2G/3G/4G, radio, satellite communication modules as well as GPS can be integrated. It is designed for continuously measuring (with adjustable cycle times), recording and transmitting the environmental Gamma dose rate to a base station.

Moreover, GammaTRACER XL2 is very flexible in use: the probe is suitable for routine as well as for emergency applications (redundant data transmission), provides high sensitivity, accuracy and is compatible with further sensors (rain, wind, meteo, display, alarm...).

GammaTRACER XL2 is also very robust and reliable, designed and made in Germany. It is fully compliant with standard norms (for instance IEC 60532 and IEC 60846:2009).

Applications



Nationwide monitoring



Perimeter monitoring for nuclear facilities



Facilities monitoring



Emergency measurements

Secured & centralized surveillance system



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

A probe designed for harsh environments

Extrem temperature proof



Operating temperature range from -40°C to +60°C.

High humidity proof



IP 68 hermetically sealed housing with nanopaint: prevent adhesion of radioactive particles.

Seismic proof



Certified for use in potential seismic areas, tests successfully renewed in 2016!

Low maintenance needs



Unlimited autonomy with internal solar panel and fast transmission modes.

Technical features

Detection principle	2 or 3 independant GM Tubes, energy compensated H*(10)
Energy range	From 45 keV to 2 MeV
Measurement range	From 10 nSv/h to 10 Sv/h (from 1 µR/h to 1 000 R/h)
Measurement cycle	From 1 min to 2 hours (optional 1 sec. fast response mode)
Data storage	Up to 10 000 data sets
Built-in sensors	GPS, temperature, movement, humidity
Communication interfaces	Infrared, RS232/RS485, Ethernet, radio, 2G/3G/4G, satellite
Dimensions / weight	From 80 x 580 mm / 2 to 3 kg

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Bertin Technologies S.A.S • Parc d'Activités du Pas du Lac • 10 bis, avenue Ampère, 78180 Montigny Le Bretonneux, France
www.bertin-technologies.com