GammaTRACER XL2

Autonomous Gamma Dose Rate Probe

- More than 3 000 GammaTRACER in operation worldwide
- Easy to install and adapted to harsh environments
- Very low maintenance costs
- Redundant data transmission

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MONITOR THE INVISIBLE

ENIM

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 with up to 10 years battery life. 3G/LTE, radio 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

Area monitoring

Emergency applications

A probe designed for harsh conditions

Extrem temperature proof

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

High humidity proof

IP 68 hermetically sealed housing, salt water resistant.

Seismic proof

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

Low maintenance needs

Great autonomy in isolated areas with an innovative integrated solar panel.

Technical features

DETECTION PRINCIPLE
2 or 3 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 12 000 data sets

BUILT-IN SENSORS
GPS, temperature, movement, humidity

COMMUNICATION INTERFACES
Infrared, RS232/RS485, ethernet, radio, 3G/LTE, satellite

DIMENSIONS / WEIGHT
From 80 x 580 mm / 2 to 3 kg

With the expertise of SAPHYMO

Environmental monitoring range

Discover other products of Bertin Instruments

SpectroTRACER

Spectroscopic solution for nuclide identification

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!