MiniTRACE Gamma



Portable survey meter

- Simple & intuitive use
- Fast response time (1 sec.)
- Large storage capacity
- High degree of autonomy (up to 2,000h)
- Available in radio version

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MINITRACE GAMMA

SURVEY METER FOR X & GAMMA RADIATION MONITORING DEDICATED TO THE PROTECTION OF WORKERS EXPOSED TO IONIZING RADIATIONS

Performing X & Gamma radiation measurements, the MiniTRACE γ is a survey meter dedicated to the assessment & management of the radiological risks ran by people working in controlled areas, such as nuclear power plants, reprocessing facilities, training & treatment centers, nuclear medicine departments, etc.

As a user-friendly device, the MiniTRACE γ has an ergonomic design making its handling easier for all users, whether specialized in radiation protection or not.

Due to its fast response time of 1 second, the MiniTRACE γ survey meter measures instantaneously the ambient dose equivalent rate H*(10), being thus essential to guarantee the protection of workers exposed to ionizing radiations, as recommended by the ALARA principle (As Low As Reasonably Achievable). While offering a high level of autonomy (approximately 2,000h), the MiniTRACE γ is also equipped with a built-in memory able to save up to 650 measured values of instant & accumulated radiation doses.

The MiniTRACE γ is available in 2 versions – S10S & S100S – each with its own energy & measurement range.

Available accessories:
Communication kit (DataVIEW/PRO & infrared transmitter), transparent plastic cover, belt case, wall support, transport case (Pelicase®)

Applications



Radiological monitoring of industrial sites



Radiological monitoring of nuclear facilities



Radiation protection in nuclear medicine



Emergency management

Secured, wireless data transmission



Both MiniTRACE γ S10S & S100S are available in radio version (S10R & S100R), to be integrated into a ShortLINK or Sky-LINK communication network or into an Environmental Radiation Monitoring System with a maximum range of 20 kilometers.

Technical features

Type of radiation	Gamma & X
Measurement range	**S10S/S10R**: 0,5 µSv/h – 10 mSv/h 50 µR/h to 1 R/h **S100S/S100R:** 1 µSv/h – 100 mSv/h 100 µR/h to 10 R/h
Energy range	**S10S/S10R**: from 42 keV to 2,8 MeV **S100S/S100R**: from 48 keV to 3 MeV
Operational temperature	Between -20°C & +50°C (-4°F & 122°F)
Data storage	Up to 650 instant & accumulated dose rate values
Alarms	Audible & visual alarms, with 4 configurable thresholds
Autonomy	Up to 2.000 hours
Protection rating	IP44 / IP67 with a protecting case
Standards	IEC 60846-1, IEC 61000 & IEC 60068-2-27

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