



MINITRACE γ

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



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.

Applications

Radiological monitoring of nuclear facilities



Radiation protection in nuclear medicine



Radiological monitoring of industrial sites



Emergency management



Available accessories:

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

Health physics devices

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Versatile multipurpose contamination and survey meter

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 μ Sv/h – 10 mSv/h
 50 μ R/h to 1 R/h
S100S/S100R: 1 μ Sv/h – 100 mSv/h
 100 μ R/h to 10 R/h

ENERGY RANGE
S10S/S10R: from 42 keV to 2,8 MeV
S100S/S100R: from 42 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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