

Radio Version !

Gamma Dose Rate Meter

MINITRACE

**... SkyLINK/ShortLINK
wireless transmitter
integrated**



- Dose function
- Local (1 sec.) and remote alarms for dose and dose rate
- Transmission distance up to 20 km
- GPS module integrated (optional)
- Storage of historical dose rate values

>>> Used at NPP Chernobyl, Ukraine <<<



– Radio version S10R and S100R

MiniTRACE S10	-	-	-
MiniTRACE S10S	•	-	Optional
MiniTRACE S10R	•	•	Optional
MiniTRACE S100	-	-	-
MiniTRACE S100S	•	-	Optional
MiniTRACE S100R	•	•	Optional

Features

- Transmission distance up to 20 km
- Remote alarms for dose and dose rate
- Local alarm response 1 sec. (remote alarm response time 20 sec.)
- Long battery lifetime (up to 1400 hours)
- GPS module integrated (optional)
- Four settings of alarm threshold; visual and audible alarm output (user adjustable)
- Storage function for dose rate values
- Real time clock

Applications

- Police, fire department and military operations
- First responders, hazmat teams
- Radiation control areas such as nuclear power plants or reprocessing plants
- Research centers
- Stationary or portable dose or dose rate meter
- Long distance teledosimetry
- Hospitals

MiniTRACE γ – radio version is a dose and dose rate meter specially designed to improve the safety of workers in the control areas of nuclear power plants, reprocessing plants and research centers. It can likewise offer strong safety benefits to public bodies like the police, fire brigades, hazmat teams or the military. It can be used as a stationary or portable dose or dose rate meter. The transmission data for **MiniTRACE γ** - radio version in combination with a *SkyLINK*-system is up to 20 km and with a ShortLINK-system up to 2 km.

Four alarm thresholds are pre-programmed. These thresholds can also be changed by user via IR communication (optional, incl. IR-Transceiver). Calculation of mean value can be started by using the button "mode". Individual dose is adjustable.

MiniTRACE γ is supplied with two batteries for a long battery lifetime (up to 1400 hours at ≤ 0.1 mSv/h). Its 6-digit display shows the dose rate value with a fixed decimal point. There is an additional 5-digit alphanumeric display showing alarm and instrument quality features.

Properties	S-10R (radio version)	S-100R (radio version)
Display unit:	μ Sv/h, H*(10)	mSv/h, H*(10)
Measurement range	0.5 μ Sv/h to 10 mSv/h (accuracy ± 6 %)	0.01 to 100 mSv/h (accuracy ± 6 %)
Display range:	0.01 to 9990.00 μ Sv/h	0.001 to 999.000 mSv/h
Energy range:	48 keV to 2 MeV ± 40 %, >2 MeV to 3 MeV ± 60 %	48 keV to 2 MeV ± 40 % >2 MeV to 3 MeV ± 60 %
Sensitivity:	5500 counts per μ Sv	2500 counts per μ Sv
Alarm thresholds (pre-set)	0.2, 0.5, 1 and 2 mSv/h	2, 5, 10 and 20 mSv/h
Transmission cycle time	User adjustable	User adjustable
Detector:	Energy-compensated Geiger-Mueller (for gamma and X-rays)	
Energy supply:	2 batteries (Type: LR6, AA, MN 1500)	
Operational temperature range:	-20°C to +50°C	
Direction dependency:	From 0 to 180° (Cs-137) ± 25 %	
Weight; dimensions:	195 g incl. batteries; 82 mm X 24 mm x 139 mm (total length incl. antenna 195 mm)	

Please send: information for:

MiniTRACE γ radio

environmental gamma monitoring

photon dosimetry

MiniTRACE γ

neutron dosimetry

radon monitoring photon dosimetry

Customer Response

MiniTRACE β

Instit. / Comp.: _____

Department: _____ Title / Name: _____

Address: _____

Phone: _____ Fax: _____

E-Mail: _____



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Saphymo GmbH reserves the right to change specifications without advance notice

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