



**NEW**

# MiniTrace $\gamma$

## Dose Rate meter

- Minitrace  $\gamma$  dose rate meter is a portable device specially designed for use by non educated staff. Very light and sturdy (no measuring unit switch, fixed coma), Minitrace  $\gamma$  is the ideal equipment used to measure dose rate and to locate radioactive hot spot. MiniTrace  $\gamma$  is able to manage three alarm thresholds programmable by PC, warning the worker off the level of dose rate (for example, access in yellow, orange and red areas).

### ➤ Technical characteristics

**Detector :** energy compensated GM tube

**Measured quantity :** equivalent dose rate  $H^*(10)$

**Measuring range :** 10  $\mu$ Sv/h to 100 mSv/h

**Display range :** 0,001 to 100,000 mSv/h (fixed coma)

**Energy response range:**

± 40 % from 80 keV to 200 keV

± 15 % from 200 keV to 1,3 MeV

**Isotropy:** ± 25% from 0 to 180°

**Alarm thresholds:** a 2 mSv/h fixed threshold. 3 adjustable alarm thresholds

**Audible alarm:** for the fixed threshold

**Visual alarm** for the 3 adjustable thresholds

**Display:** LCD backlighted screen

**Temperature range:** -10°C to 50°C

**Dimension :** 139 x 82 x 24 mm

**Weight:** 175 g

**Watertightness:** IP 44 without protective sheath and IP 67 with sheath

**Power supply:** 2 LR6 batteries

**Autonomy:** 1000 hours under a 0,1 mSv/h dose rate

400 hours under a 1 mSv/h dose rate

**Housing:** compliant with the IEC 60068-2-27 standard (a 1.25 m high fall on hard wood)

**Accessories:**

- waterproof sheath with neck strap
- programming of alarm thresholds by remote software. Transmission via infrared communication



- Compliant with the IEC 60846 standard
- Fast response time < 2 seconds
- Light and sturdy portable equipment
- Tight and easy to decontaminate sheath
- Easy-to-use
- Digital display with fixed or floated coma

