

# Dolphy Nano



- Adapted to the measure of low ambient dose equivalent rate.
- Easy to use (only one button).
- Visualization of the estimation of dose received during an intervention.
- Threshold of adjustable alarm.
- Ideal for Qualified Expert in Radioprotection.
- Compact and sturdy.

Review date: 29th August 2017

 Carmelec



## Specifications



### Sensing characteristics

**Reference size:** Ambient dose equivalent rate  $H^*(10)$

**Detector:** Geiger Müller compensated in energy from 50 keV to 1,25 MeV

**Unit:**  $\mu\text{Sv/h}$

**Reference source:**  $^{137}\text{Cs}$

**Sensitivity:** 1,3 c/s per  $1 \mu\text{Sv/h}$

**Display range:** 0,01  $\mu\text{Sv/h}$  to 9990  $\mu\text{Sv/h}$

**Effective range:** 0,5  $\mu\text{Sv/h}$  (depends on the time allowed to the measure) to 9990  $\mu\text{Sv/h}$

**Response time:** < 10 s from 0,5  $\mu\text{Sv/h}$



### Build characteristics

**Dimensions:** 120 x 65 x 38 mm

**Weight:** 180 g (including battery)

**IP code:** IP54



### Power supply

**9 Volt battery**

**Operation:** 50 to 325 hours according to dose rate and alarm

## Application and use

Measure of the ambient dose rate and search for «hot spots».

Zoning control

Currently used in hospital environment by radiographers

Measure of environment

Easy to use, anybody can use it