

Dolphy Evolution



Dolphy Evolution

A compact radiation meter designed to ensure your safety

- New generation of Dolphy Gamma radiation meter
- Referent device at French nuclear sites
- One single switch
- Visual, sound and mechanical alarm
- Made for dose rates greater than 10 $\mu\text{Sv/h}$
- In compliance with standard IEC 60846-1: 2009

Review date: 21th july 2017





Technical characteristics



Detection characteristics

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

Detector: Energy compensated Geiger Müller from 60 keV to 1.5 MeV

Unit: mSv/h

Reference source: ^{137}Cs

Sensitivity: 0.7 cps / $\mu\text{Sv/h}$ for the ^{137}Cs

Display range between 0.001 mSv/h and 99.9 mSv/h

Effective measurement range between 0.01 mSv/h and 99.9 mSv/h

Response time: < 2 s during a significant dose rate variation

Alarm threshold: 1.6 mSv/h



Mechanical and Environmental characteristics

Dimensions: 120 x 65 x 22 mm

Weight: 220 g with battery

Alarm sound level: 80 dBA à 30 cm

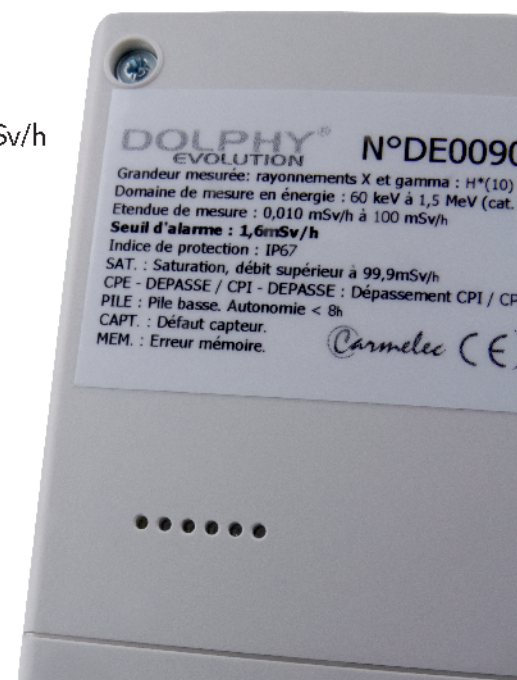
IP Code: IP67



Electrical characteristics

Power supply: 9 V battery

Battery life: hours for a dose rate of 0.01 mSv/h



Application and use

Radiation meter intended for operators working in areas with high dose equivalent rates.
 Scrolling message, ease of use and reading.

Options

Pouches

