Sentinelle 360





Source output signal for gammagraphic inspections by detecting increases of ambient Gamma and X-ray radiations

- The sensitivity of the beacon is adapted to the use of sources such as Cobalt 60 and Selenium 75
- Light and sound indication adapted to site conditions with a 360° visibility
- The polycarbonate and Polyurethane alloy resists physical shocks and drops from 1 m
- A self-test at every boot and a permanent probe and battery inspection ensure a proper fonctioning of the device throughout its use
- Its long battery life allows for several gammagraphic inspections without recharging
- Its light weight (1.8 kg) and its integrated handle make the beacon easy to carry
- Airtight and splash-proof (IP65), it can be used inside and outside



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Technical characteristics

Detection characteristics

Type: source output signal system for gammagraphic inspections Response time: < 10s for variations of about a factor 10 when the dose rate > 20 μ Sv/h < 2s beyond 1 mSv/h Energy range: from 80 keV to 1.5 MeV



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Alarm characteristics

Threshold: calculated automatically from 20 μSv/h to 2 mSv/h **Sound:** buzzer > 95 dBA at 30 cm **Visual:** 360° red tower light with flash LEDs



Electrical characteristics

Charge: 12VDC / 1A supply (provided) Battery life without alarm: 40 days Battery life with alarm: 80 hours

Mechanical and environmental characteristics

Dimensions: 340 x 160 x 160 mm Weight: 1.8 kg Protection rate: IP65





Regulatory compliance

Compliance: CEI 60846-1 : 2009 (within the limits of the applicable chapters)

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