NEO Environment

- This device is adapted for the measure or the screening during ADR process or waste management.
- High sensitivity adjustable probe which simplifies the measures above and below the containers.

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Technical characteristics

Detection characteristics

Detector : GM high volume
Sensitivity : 16 c/s µSv/h for the Césium 137
Reference value : Energy compensated GM: H*(10) - Unit µSv/h
Non compensated GM: Screening - Units c/s (µSv/h possible depending of the REA)
Measurement range : between 10 nGy/h and 1 mGy/h
Display : Mean value and graphic trend graph
Statistical precision (LUCID 2)
Alarm : Audible: 85dbA at 30cm
Mechanical: Vibrate

Mechanical and environmental characteristics

Weight : NEO + probe : 1120g
Telescopic rod: 980g
NEO + probe + telescopic rod : 2100g
IP code : NEO : IP50
Probe : IP65
Dimension of the telescopic rod : Length unfold : 140cm
Length fold : 43cm

Electrical characteristics

Power supply : 9 V battery
Battery life : 80 hours for a dose rate < 1mSv/h without radio, 20h with radio.

Application & uses

Container control
High sensitivity to diffused radiation, adapted for the waste control.
Quick detection for small dose rate variations : < 2s approximately for a variation of 0,2µSv/h
Detection of gamma radiation sources hidden or ambient dose equivalent rate out of irradiation area.

Options

Nemedio (communication/interface PC)
Battery kit

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