

Radiation Sensors: 3cc CsI (TI) with Photodiode (Low channel)
Energy-Compensated PIN Diode (High channel)
Energy Range 0.06 to 3.0 MeV
Dose Equivalent Rate for 137Cs 1 R/h to 10 R/h (0.01 Sv/h to 0.1 Sv/h)
Accuracy ±20%
Dosage Range 1 R to 999.9 R (0.01 Sv to 9.9 Sv)
Calibration None required. Periodic functional test recommended
using 1 ¹³⁷Ci and 16 ¹³⁷Ci 137Cs check sources.
Factory calibration available if needed.



Time to Alarm <2 seconds
Alarms • Loud audible buzzer (85+ dB @ 30 cm)
• Built-in vibration alarm
• Highly visible LED lights on both sides of LCD graphic display
Alarm Settings Search Mode: Alarm threshold based on variations
in local background level
Safety Mode: User-programmable low and high alarm
thresholds based on dose rate

Datalog Size 30,000 data points (20 days at 60-second intervals)
Datalog Modes Continuous: Logs data at all times
Event-Driven: Starts logging data on alarm
Datalog Interval User programmable, 1 to 3,600 seconds
Communication Built-in Bluetooth® radio interfaces with computer for datalog
download and configuration changes

Battery 2 AA alkaline batteries
Operating Period Up to 900 hours

Temperature -20° C to 50° C (-4° F to 122° F)
Temperature Alarm Temperatures above 50° C (122° F) will cause a
high-temperature error message
Humidity 0% to 95% (non-condensing)
Shock Resistance Passes drop test from 1.5 m (59")
IP Rating IP67 (immersible)
Intrinsic Safety Certified to meet Class I, Div. I, Groups A, B, C, D, T4
ATEX II IG EEx ia IIC T4

Display Graphic LCD with 1.2" x 0.75" (30.5 mm x 19 mm) viewable
area can be flipped for view by user; Radiation intensity
displayed in cps or dosage rate in divisions of R/h or Sv/h
Direct Readout Dose rate, peak, min, total dose, battery status, time, temperature
Ergonomics Nonslip rubber housing with grippable ridges securely fits
hand or glove
Keypad 2 operation/program buttons
Size 4.92" x 2.68" x 1.38" (125 mm x 68 mm x 35 mm)
Weight 9.5 oz (270 g)
Attachments Rugged metal belt clip and wrist strap
*Specifications are subject to change