

Direct Reading Dosimeters

The Direct-Reading Dosimeter is a pocket-size, carbon-fiber electroscopes with an ion chamber for detecting and indication of integrated exposure to Gamma and X-Ray radiation. It has a thin wall which permits the penetration and detection of radiation. This model comes with a hardened sapphire window that won't scratch even in the toughest of conditions.

Specifications:

- Radiation Detected: Gamma and X-Ray from 16 keV to 6 MeV
- Detector: Fiber-Electrometer mounted in an Electrically Conductive Plastic Ion Chamber
- Detector Housing: Very low permeability plastics - Hermetically-Sealed
- Accuracy: +/- 10% of true exposure
- Rate Response: Dose rate independent for Gamma and X-Ray
- Electrical Leakage: Less than 1.0% of full scale for 24 hours at 50 C
- Temperature Range: -20°C to +50°C
- Relative Humidity: Up to 90%
- Dimensions: 4.5" (12.4 cm) Length X .6" (1.5 cm) Diameter
- Weight: 1.0 oz.
- Finish: Natural Matte Black with a Metal Clip
- 019-201 Direct Reading Dosimeter, 0-200 mR
- 019-500 Direct Reading Dosimeter, 0-500 mR
- 019-010 Direct Reading Dosimeter, 0-2 R



Dosimeter Charger

- Used to "zero" all Direct-Reading Dosimeters
- For use with Direct Reading Dosimeters only

- 020-001 Dosimeter Charger (battery included)
- 066-350 Replacement Battery



Personal Radiation Monitor

Features

- Dose Rate Range: 0 to 999 R/hr
- Accumulated Dose Range: 0 to 999 R
- Loud Alarms
- Easy to Use
- Backlit LCD Display

Specifications:

- Display Range: 0.01 mR/hr to 999 R/hr
- Detector: Internal energy-compensated GM
- Gamma Response: Typically 18 cpm per mR/hr (1800 cpm per mSv/h)
- Energy Range: 60 keV to 2 MeV
- Display: 3½ digit backlit LCD display with a total range from 0.01 mR/hr (or mR) to 999 R/hr (or R), also displays time remaining from 19:59 to 00:01 (in hh:mm format)

Alarms: Radiation alarms adjustable over entire range (Dose rate alert, Dose rate (hi), Accumulated dose alert, Accumulated dose (hi), Time remaining to allowed dose (hi), Detector failure alert, Low-battery)

Alarm Indications: Distinct alerts and alarms for exposure and accumulated dose

Loss of Count: Detector failure results in a visual and audible warning

Audio: Built-in speaker (typically 95 dB at 30.5 cm [1 ft])

Calibration: Requires no tools or software when exposed to a traceable radiation field

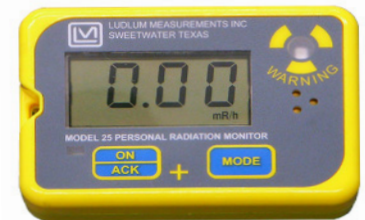
Calibrated Range: Normally calibrated from 2 mR/hr (0.02 mSv/h) to 999 R/hr (9.99 Sv/h)

Temperature Range: -40 to 65 °C (-40 to 150 °F)

Power: 2 each lithium coin cell batteries

Battery Life: Typically 6000 hours (Provides 8 hours warning of low battery)

Construction: Injection-molded plastic housing with sub-surface printed membrane front panel, completely gasketed for water resistance, supplied with rubber boot with built-in belt feed-through



Dimensions: 3" L x 2.1" W x .69" H
Weight: 5.1 oz

- PTI-PRM Personal Radiation Monitor, mR
- PTI-PRMV Personal Radiation Monitor, mSv

Call Pinestar toll-free 1-800-682-2226, to place an order