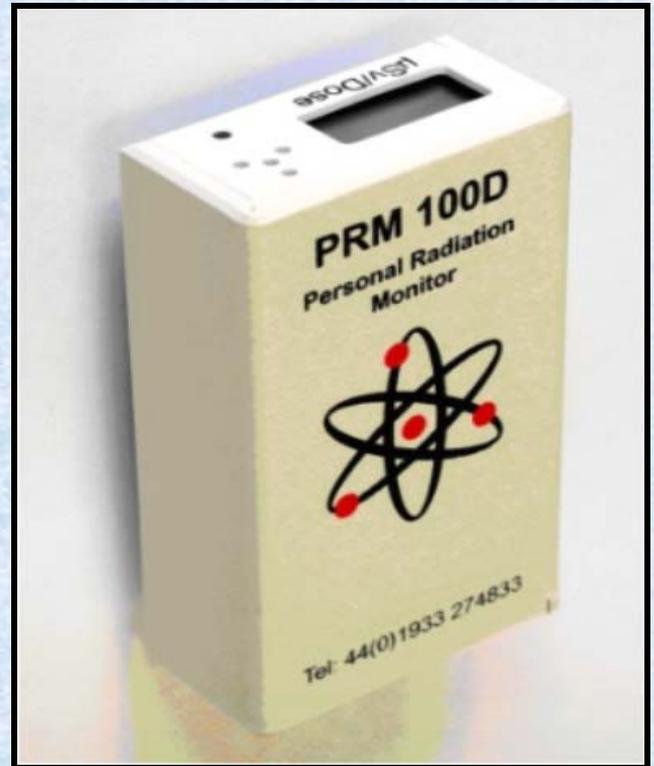


PRM100D PERSONAL RADIATION MONITOR

FEATURES

- LCD Display displays either live in $\mu\text{Sv/h}$ or accumulated dose over time
- Audible and visual alarms
- Alarm warning tone style changes at $7.5\mu\text{Sv/hr}$ and above
- Detects Gamma and X Rays
- Fits easily in a pocket and has a belt clip
- Long battery life
- Rugged construction
- Battery can be replaced without needing tools
- Max range $1000\mu\text{Sv/hr}$



SPECIFICATION

Radiation detected: X-Ray, Gamma-ray, ionising radiation.

LCD Display: Mode switchable between live and dosimeter.

Alarm Signal: Both audio and visual warning of the presence of radiation.

RS232 Port: For download of acquired dose data.

Test button: To check the audible and visual warning circuitry, also used to check battery health.

Reset button. To reset all displayed readings to zero.

Battery: Single CR2 3 Volt cell, life typically 6 to 12 months depending on usage.

Size: (excluding belt clip) 85 x 50 x 25mm. **Weight:** 102 gm (including battery). **Operating temperature:** -10° to 65° C.

OPERATION

The PRM100D can be set to operate in either live or dosimeter mode by moving the switch located in the battery compartment to the desired position.

Depending on the mode selection the LCD will indicate either the current incident dose in $\mu\text{Sv/hr}$ or the accumulated dose since the unit was last reset to zero.

The PRM100D will at all times emit beep tones and flash the red LED next to the display at a repetition rate proportional to the current dose and the tone will change to a warbling sound if the current dose exceeds $7.5\mu\text{Sv/hr}$.

An optional cable and software package can be purchased on request which enables recorded dose data to be downloaded to a PC (no MAC version available). For further details please contact us at the above address.