

# Radiation

## DoseRAE-P (PRM-1000)



### DoseRAE-P

DoseRAE-P is a rugged, lightweight, direct-reading electronic personal dosimeter that provide superior dose monitoring accuracy. DoseRAE-P allows the user to change alarm settings “on-the-fly” using the dosimeters buttons.

This dosimeter feature a sensitive and sturdy energy-compensated Geiger-Mueller tube for accurate dose readings with a resolution of less than 2µR (0.02µSv).

DoseRAE-P track stay-time, and give both an absolute stay-time alarm, and a stay-time warning alarm to provide the wearer plenty of advance notice to finish work in a radiation area before reaching the dose alarm threshold. The unit also has dose and dose warning, dose rate and incremental “chirp” alarms. Users are alerted to an alarm condition by highly visible, flashing LEDs and a loud 75+dB buzzer.

### Key Features

- Geiger-Mueller tube for superior accuracy and protection from RFI, microphonic and temperature effects
- Prominent visible and audible alarm alerts
- Extended 0 to 999 R (0 to 9.99 Sv) dose range
- Easy-to-read autoranging LCD provides dose, dose rate and stay-time information
- A single AA battery lasts more than 750 hours
- Dose history stores 200 data points
- Dust and shock resistant
- Multiple alarms based on dose, dose rate and stay-time
- Long calibration life
- Built-in self-test continuously monitors the condition of the radiation sensor, and alerts the wearer if the dosimeter is not functioning properly

### Kit Includes:

- DoseRAE-P dosimeter
- Belt clip and alligator clamp
- 1 AA alkaline battery
- User's Guide
- Calibration certificate

### DoseRAE and DoseRAE-P

ELECTONIC PERSONAL DOSIMETER	PART NUMBER	LIST PRICE
DoseRAE-P dosimeter kit, Rem units	035-0001-000	\$ 447.00
DoseRAE-P dosimeter kit, Sievert units	035-0004-000	\$ 447.00