ALARMING POCKET DIGITAL DOSIMETER
Model ~ PDA•200+

FEATURES:
- DIGITS TO 200.00 mR
- DOSE & DOSE RATE
- 700 HOUR BATTERY LIFE
- AUDIBLE INDICATOR
- VISUAL READOUT
- AUDIO & VISUAL ALARM
- LCD CONTINUOUS DISPLAY
- POCKET SIZE
- BUILT-IN MEMORY

DESCRIPTION:
- PDA•200+ accurately records dose rate & total exposure.
- It emits a "beep" & a "flash" at each 0.01 mR of exposure.
- It gives an audible/visual indication of rate as well as an accurate record of dose.
- When the alarm set-point is reached, a long beep & flash occurs.
- Completely digital, thus eliminating the inaccuracy inherent in any analog system.
- Recessed & tool accessible dose reset prevents unauthorized or accidental erasure of exposure history.
- Lightweight (3.5 oz.) & truly pocket size.
- Battery is available from outside case.
- LED battery check indicates when less than 8 hours of battery life remains.
- Memory of dose is retained for at least 20 hours even with "dead" battery.
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SPECIFICATIONS

Range: Dose Rate: 0.1 µSv/h to 99.99 mSv/h (10 µR/hr to 10 R/hr)
Range: Total Dose: 0.0 µSv to 99.99 mSv (0 µR to 10 R)
Alarm Levels Rate: 2.5 mR/hr (25 µSv/h)
Alarm Levels Dose: 5 mR, (50 µSv)
Sound Levels: 80 db at 30 cm
Controls: Front panel controls: Power on / off, alarm level set
Protected controls: Dose Reset, Calibrate
Readout: LCD solid state, in-line, 4 digits
Beep / Flash Rate: 1 beep/flash per .01 mR or per 0.1 µSv
Battery: 2 AA cells, 700 hour Normal operating life at 0.1 mR/hr.
Low Battery Indicator: At 2.7 volts.
Accuracy: Better than ± 0.01 mR (137Cs Gamma)
± 15% from 80 KeV to 1.3 MeV. Response from 40 KeV up.
Linearity: Linear to rates up to 20 R/hr
Anti Saturation: Does not saturate at 1,000 R/hr
Pocket Clip•Belt: Heavy duty spring loaded
Case: High Impact, Injection Molded ABS
Response Time: 3.6 seconds for 6µSv/h
Above 36 seconds below 6µSv/h (0.6 mR/h)
Memory: Memory retention up to 2 years.
20 hours. Retention with dead battery or during battery replacement.
Temperature: ± 10 % from • 10 ° C to 50 ° C, 0•95% RH

WEIGHT & DIMENSIONS:
Dimensions: 2.2" W x 3.6" L x 0.75" Thick (55 x 92 x 18 mm)
Weight: 3.5 oz, (100g) including battery