



**DMC 3000**  
model MG-153503

## Features:

- Loud alarm, 85 dB (A) typical, (> 90 dB (C) peak)
- Vibrating alarm
- Highly visible backlit display
- Optional telemetry module
- Factory upgradable firmware
- Simple 2-button navigation
- Extended dose rate alarms
- Dual ultra bright LED alarm
- Superior X-ray and gamma energy response
- Meets or exceeds applicable IEC and ANSI standards
- Designed for ruggedness and durability

## DMC 3000

Covering a wide range of X-Ray and Gamma radiation detection, DMC 3000 Electronic Dosimeter represents over 25 years of real-world electronic dosimetry experience, continually refined through customer feedback.

The unique, high contrast and backlit LCD display provides a clear indication of wearer's dose and ambient dose rate for deep dose equivalent. More importantly, multiple methods (audible, visual, and tactile) are utilized to alert the wearer of alarm conditions.

- Compliant with IEC 61526Ed. 3, ANSI 42.20(\*)  
(\*) isotropy 241Am and 137Cs with  $\pm 75^\circ$  angle
- Measurement and display: X and gamma energy range: 15 keV to 7 MeV; Energy response better than  $\pm 20\%$  (typically  $\pm 10\%$ ) from 16 keV to 7 MeV
- Accuracy Hp(10):  $\leq \pm 10\%^*$  (137Cs,  $\sim 24$  mSv/h);  $\leq \pm 15\%^*$ , (241Am,  $\sim 23$  mSv/h);  $\leq \pm 19\%^{**}$  X-ray 16keV (\*including  $\pm 5\%$  extended uncertainty k=2) ; (\*\* including  $\pm 9\%$  extended uncertainty k=2)
- Display units: mSv,  $\mu$ Sv, or mrem
- Display dose: 1  $\mu$ Sv to 10 Sv (0.1 mrem to 1000 rem)
- Display rate: 10  $\mu$ Sv/h to 10 Sv/h (1 mrem/h to 1000 rem/h) or 1  $\mu$ Sv/h to 10 Sv/h (0.1 mrem/h to 1000 rem/h) extended option.
- Measurement range: 1  $\mu$ Sv to 10 Sv (0.1 mrem to 1000 rem) 0.1  $\mu$ Sv/h to 20 Sv/h (0.01 mrem/h to 2000 rem/h), Saturation indication above 10 Sv (1000 rem) or 10 Sv/h (1000 rem/h)
- Dose Rate Linearity:  $< \pm 20\%$  up to 10 Sv/h (1000 rem/h) (Co and X H30 20 keV);  $< \pm 20\%$  up to 6 Sv/h (600 rem/h) (Pulsed X-rays 20 ms width, 1, 10 & 20 pps)
- Standard AAA (LR03) 1.5 V Alkaline battery

