

**NEW !**

**SOLTEC®**

www.SoltecCorp.com • Info@SoltecCorp.com

from SOLTEC'S Nuclear Radiation Detection & Monitoring Division



NEW! Compact Style!



**Electronic Personal Dosimeter - NRF4 Series -  $\gamma$  or  $\gamma$  &  $\beta$**

Audio and Visual Alarms for both Accumulated Dose & Dose Rate  
Rugged, Shock Resistant, Waterproof Magnesium Garnet Case,  
150g (approx. 5oz)

Exchange Data & Set Points with PC via Infrared or RF  
 $\gamma$  (X) ray: 50keV to 6MeV,  $\beta$  ray: 300keV to 2.3MeV

Long-life Replaceable Battery,  
6 months Intermittent, 1000 hours continuous

Selectable Sievert or REM Units of Measure

Measure Gamma & Beta Hp(10) Dose

Large, Back-lit, Real Time LCD Display

The Dosimeter complies with the following standards:

JIS Z4312 (2002), IEC 61283 (1995), IEC 61526 (1998), IEC 61525 (1996), IEC61000-4-2/3

Call us to discuss your individual needs, or schedule a personal product demonstration. (800) 423-2344 x411

**TA** TECHNICAL ASSOCIATES

7051 ETON AVENUE, CANOGA PARK, CA 91303  
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	50 $\mu$ Ci/liter
Radiation detected	Gamma(X)-ray (Hp(10))
Detector	Silicon semiconductor
Ranges for dose equivalent	(Sv) 0 $\mu$ Sv to 999 $\mu$ Sv 1.000mSv to 999.9mSv 1.000mSv to 999.9Sv (rem) 0.0mrem to 999.9mrem 1.0rem to 999.9rem
Relative error of indication	+/- 10% (0.1mSv to 9.999Sv <sup>137</sup> Cs)
Energy range	20keV to 6MeV
Energy response	+/- 30% (20keV to 6MeV, <sup>137</sup> Cs)
Angular response	+/- 20 % (Up to +/- 60 degree, vertical and horizontal <sup>137</sup> Cs) +/- 50 % (Up to +/- 60 degree, vertical and horizontal <sup>241</sup> Am) +/- 30 % (all around horizontal <sup>137</sup> Cs free air)
Linearity of dose rate	+/- 10% (0.1mAv/h to 9.999Sv/h, <sup>137</sup> Cs)
Display	LCD (with backlight)
Alarm volume	85dB to 100dB
Communication method	Infrared Communication
Ambient temperature	-20 to 50C
Ambient humidity	40 to 95% Non-condensing
Power supply	"CR123A" battery x 1
Battery life	For 1 year or more (8 hours use per day, without alarm and backlight) Or 4 months or more continuous use
Size	62W x 82H x 33D,, (excluding clip)
Mass	115g approx (including battery and clip)

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