

POCKET DOSEMETER

Model ~ NRF30

FEATURES:

- PORTABLE
- GAMMA DETECTION
- USER SETTABLE ALARM
- AUDIBLE ALARM
- LONG BATTERY LIFE
- WATERPROOF
- IMPACT RESISTANT
- ELECTROMAGNETIC INTERFERENCE RESISTANCE



FUJI NRF30

APPLICATION:

Gamma dose monitoring restricted areas of Nuclear Power Stations & other Nuclear Facilities:



FUJI NRF30
DISPLAY

DESCRIPTION:

Protect personnel with the NR30 Pocket Dosimeter.

Dose, Dose Rate, and Operating Time alarm values can be Preset.

OPTIONAL: The Setting Device communicates the data with EPD using IR. The Setting Device reads the setting value/accumulated dose and writes the setting value into EPD.



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

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Divisions of  US NUCLEAR CORP

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SPECIFICATIONS

Radiation detected:	Gamma, X-Ray
Detector:	silicon Semiconductor
Total Dose:	(0.1 mSv to 9.9999 Sv, ¹³⁷ Cs) - 10.000 mrem to 999.9 mrem
Accuracy:	±10 %
Energy Range:	50 KeV to 6 MeV
Energy Response:	±20 % (50 KeV to 6 MeV, ¹³⁷ Cs)
Angular Response:	±20 % (Up to ±60°vertical & horizontal, ¹³⁷ Cs) ±50 % (Up to ±60°vertical & horizontal, ²⁴¹ Am) ±30 % (All around horizontal, ¹³⁷ Cs Free Air)
Linearity for Wide Range Dose Rate:	±10% (0.1 mSv/h to 9.9999 Sv/h, ¹³⁷ Cs)
Battery Life:	1 Year or More (8 hour per day, without Alarm & Backlight) OR 4 months Continuous Use
Alarm Volume:	85 dB to 100 dB – User Settable
Response Time:	Less than 4sec: over 1mSv/h
Display:	LCD with Backlight
Power Supply:	Cr123A Lithium Battery AC adaptor(IN: 100 to 240V AC) (option)
Operating Temperature:	-20 to +50 °C / -4 to +122°F
Operating Humidity:	35 to 95 % (non-condensing)
Interface:	Infrared Communication
Dimensions:	60 mm W × 78 mm H x 27 mm Dia. / 2.4in W × 3 in H x 1 in Dia.
Weight:	103 g /3.6 oz approx..



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