

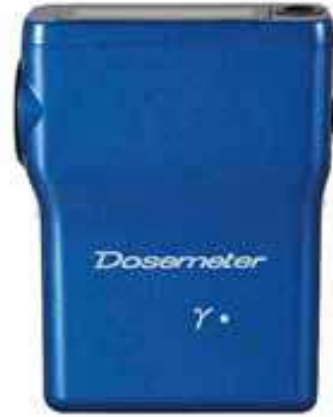
POCKET DOSEMETER

口袋剂量计

Model ~ NRF30

FEATURES: 特点

- PORTABLE
便携
- GAMMA DETECTION
探测伽马
- USER SETTABLE ALARM
用户设定报警
- AUDIBLE ALARM
声音报警
- LONG BATTERY LIFE
长寿电池
- WATERPROOF
防水
- IMPACT RESISTANT
耐冲击
- ELECTROMAGNETIC INTERFERENCE RESISTANCE
防电磁干扰



FUJI NRF30



FUJI NRF30
DISPLAY

APPLICATION: 应用

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

核电站和其它核设施需要严格监测伽马剂量的地方。

DESCRIPTION; 应用

Protect personnel with the NR30 Pocket Dosemeter.

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

使用 NR30 口袋型剂量计保护人员安全。可预设剂量，剂量率，操作时间，报警值。

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.

选项：设定装置使用IR与EPD进行数据通信，设定装置读出设定值/累计剂量并且将设定值输进EPD。



TECHNICAL ASSOCIATES
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Divisions of  US NUCLEAR CORP

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SPECIFICATIONS 规格

Radiation detected:	Gamma, X-Ray
探测辐射:	γ , X-射线
Detector:	silicon Semiconductor
探测器:	硅半导体
Total Dose:	(0.1 mSv to 9.9999 Sv, ^{137}Cs) - 10.000 mrem to 999.9 mrem
总剂量:	
Accuracy:	$\pm 10\%$ (0.1 mSv to 9.9999 Sv, ^{137}Cs)
精度:	
Energy Range:	50 KeV to 6 MeV
能量范围:	
Energy Response:	$\pm 20\%$ (50 KeV to 6 MeV, ^{137}Cs)
能量响应:	
Angular Response:	$\pm 20\%$ (Up to $\pm 60^\circ$ vertical & horizontal, ^{137}Cs) $\pm 50\%$ (Up to $\pm 60^\circ$ vertical & horizontal, ^{241}Am) $\pm 30\%$ (All around horizontal, ^{137}Cs Free Air)
角响应:	
Linearity for Wide Range Dose Rate:	$\pm 10\%$ (0.1 mSv/h to 9.9999 Sv/h, ^{137}Cs)
宽剂量率线性:	
Battery Life:	1 Year or More (8 hour per day, without Alarm & Backlight) OR 4 months Continuous Use



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电池寿命:	1年或更长 (8小时/天, 无报警与背景灯情况下)
Alarm Volume:	85 dB to 100 dB – User Settable
报警音量:	
Response Time:	Less than 4sec: over 1mSv/h
响应时间:	1mSv/h以上小于4秒
Display:	LCD with Backlight
显示:	LCD带背景灯
Power Supply:	Cr123A Lithium Battery
	AC adaptor (IN: 100 to 240V AC) (option)
电源:	锂电池Cr123A; AC适配器 (选项)
Operating Temperature:	-20 to +50 °C / -4 to +122°F
操作温度:	
Operating Humidity:	35 to 95 % (non-condensing)
操作湿度:	
Interface:	Infrared Communication
接口:	红外线通信
Dimensions:	60 mm W × 78 mm H x 27 mm Dia. / 2.4in W × 3 in H x 1 in Dia.
尺寸:	
Weight:	103 g /3.6 oz approx..
重量:	



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