

FJ 2000 X, γ PERSONAL DOSIMETER



TECHNICAL SPECIFICATIONS

1- Detector	GM tube, measure X and γ rays
2- Display	4 bit LCD
3- Measuring range	Accumulated Dose : 0.0 μ Sv/h 99.99mSv Dose rate : 0.1 μ Sv/h 99.99mSv/h
4- Response time	6.0 μ SV/h 36 s 6.1 SV/h 3.6s
5- Rate response	$\pm 20\%$ (1 μ Sv/h 99.99 Sv/h)
6 – Accuracy	$\pm 20\%$ (137 Cs 2 mSv/h)
7- Energy response	$\pm 30\%$ (50 KeV 1.3 MeV)
8- Alarm function	One continued sound or flash for each rise of 0.1 μ SV Threshold : ≥ 25 μ Sv/h alarm for 6s
9- Blocking alarm	Alarm occurs continuously while GM tube up to blocking.
10 – Power supply	2 batteries AAA
11- Battery life	720 h used continuously in background level.
12- Ambient condition	Temperature : -10 °C +50° C Humidity : +10% 0.95% RH (40 c)
13- Weight	75 g (95g including battery)
14- Dimension	55 × 92 × 18 (W × H × D)

Pocket Nuclear Radiation Dosimeter

Features:

- ✓ High sensitivity and response to environmental background.
- ✓ Measuring both does and dose rate, and providing various alarming signals.
- ✓ Low power, small size and easy use.
- ✓ Personal Radiation Dose monitoring
- ✓ Sensitive to X ray, Y ray

Technical Specifications:

- ✓ Detector: GM counter tube, measure x-ray or γ -ray.
- ✓ Display range: 4-bit LCD.
- ✓ Accumulative dose equivalent: Hp(10)0.0 μ Sv-99.99mSv
- ✓ Dose equivalent rate:Hp(10)0.1 μ Sv/h-99.99mSv/h.
- ✓ Response time: 3.6s-36s.
- ✓ Dose rate response: $<\pm 20\%$ (1 μ Sv/h-99.99mSv/h)
- ✓ Energy response: $< \pm 30\%$ (50KeV-1.3MeV)

