

TM-93 Radiation / RF Strength Meter



Features

- 4 digits, 2.4 inches color TFT LCD
- Gamma radiation dose rate and dose measurement . Alert mode indicator
- Language: English , Traditional Chinese , Simplified Chinese , Japanese , Spanish
- Bar Graph display
- Battery life: approx. 10 hours
- Dimensions: 115 x 60 x 31mm (L x W x H)
- Audible key tone alarm function
- 5V USB external power supply
- Weight : approx. 170g
- RF dose rate: histogram
- Data hold
- Power: 9V alkaline battery



Sample rate	1 time / 10 seconds or 1 time / 40 seconds
Radiation sensor	Geiger- mueller tube
Does range	0.05μSv/h ~1400 μSv/h 5.00μRem/h 140.0 mRem
Resolution	0.01μSv/h 0.01μRem/h
Accuracy	±15% cesium-137
Gamma energy range	10KeV to 1.25MeV
X-rays energy range	3KeV to 3.0MeV
β-beta energy range	25KeV to 3.5MeV
CPM	0~9999
CPS	0~200
Dose logger interval	1 to 999 days

Sample rate	1 time / 10 seconds
RF sensor	Single axis sensor
Measurement range	0.1~14.0 V/m
Accuracy	±2dB at 2.45GHz
Frequency range	50MHz to 3.5GHz
Range	0.02μW/m ² to 484.6mW/m ² 0.01μW/cm ² t 45.3 μW/cm ² 36.1mV/m to 14.00V/m 0.01mA/m to 30.01 mA/m -46 dBm to 16 dBm
Resolution	0.01μW/m ² , 0.01μW/cm ² 0.2 mV/m, 0.02 mA/m, 2dB

TM-91N Radiation Monitor



Features

- Quick response to the radiation strength of Beta (β) & Gamma (γ) ray
- Bright LCD display for night or day operation
- Audio alarm set function
- Automatic detection, easy setting
- Low battery indication
- Auto ranging
- Built- in GM tube
- A beeper chirps with each radiation count



Display	3 1/2 digits LCD with maximum reading of 1999
Sampling rate	1 time/10 seconds (<20μSv/h), 1 time/10 seconds (>20μSv/h)
Units	μSv/h, μRem/h
Measurement Range	0.50μSv/h~1400μSv/h, 50μRem/h~140.0mRem/h
Resolution	0.01 uSv/h, 1uRem/h
Test Radiation	Beta(B) and Gamma(y) ray.
Energy dependency	30 KeV to 1.30 MeV
Accuracy	±15%: 20μSv/h, 2000μRem/h Other ±20%: 20μSv/h~1400μSv/h, 2000μRem/h~140μRem/h
Alarm Settlings	Default value: 0.50μSv/h, Setting range: 0~19.99μSv/h
Auto Power Off	Default value: 30 minutes Setting range: 0 ~ 60 minutes (0: disable the auto power off)
Dimension	143x 74x 34mm
Weight	220g
Battery Type	006P 9V
Battery life	About 50 hours