

# TM-93 Radiation / RF strength Meter



- Gamma radiation dose rate and dose measurement . Alert mode indicator
- Bar Graph display :
- Sampling rate:6 seconds per time
- Battery life: approx. 10 hours
- Dimensions :115x60x31mm (LxWxH)
- RF dose rate: histogram
- Audible key tone alarm function
- Data hold
- 5V USB external power supply
- Power :9V alkaline battery
- Weight : approx. 170 g

Require

## Application

- 2.4(inch) color TFT LCD
- 4 digits, 2.4 inches color TFT LCD
- Language :English , Traditional Chinese , Simplified Chinese , Japanese , Spanish

## Specification

Sample rate	1 time /10 seconds or 1 time /40 seconds
Radiation sensor	Geiger- mueller tube
Measurement range	0.05 $\mu$ Sv/h ~1400 $\mu$ Sv/h 5.00 $\mu$ Rem/h~140.0mRem/h
Resolution	0.01 $\mu$ Sv/h 0.01 $\mu$ Rem/h
Accuracy	$\pm$ 15% cesium-137
Gamma energy range	10KeV to 1.25MeV
X-rays energy range	3KeV to 3.0MeV
$\beta$ -beta energy range	25KeV to 3.5MeV
CPM	0~1999
CPS	0~212
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	$\pm$ 2dB to 2.45GHz
Frequency range	50MHz to 3.5GHz
Range	0.02 $\mu$ W/m <sup>2</sup> to 484.6 $\mu$ W/m <sup>2</sup> 0.01 $\mu$ W/cm <sup>2</sup> to 45.3 $\mu$ W/cm <sup>2</sup> 36.1mV/m to 14.000V/m 0.01mA/m to 30.01 mA/m -46 dBm to 16 dBm
Resolution	0.01 $\mu$ W/m <sup>2</sup> ,0.01 $\mu$ W/cm <sup>2</sup> 0.2 mV/m,0.02 mA/m,2dB