



Tenmars TM-93 Radiation / RF strength Meter / Geiger Counter



SKU: TENTM93WH
Manufacture warranty period: 12 months
Country of Origin: Taiwan

Product Description:

- Gamma radiation dose rate and dose measurement. Alert mode indicator
- Bar Graph display
- Sampling rate: 6 seconds per time
- 2.4(inch) colour TFT LCD
- 4 digits, 2.4 inches colour TFT LCD
- Language: English, Traditional Chinese, Simplified Chinese, Japanese, Spanish
- 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

Radiation Monitor Specification:

- Sample rate: 1 time /10 seconds or 1 time /40 seconds
- Radiation sensor: Geiger-muller tube
- 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: 0~1999
- CPS: 0~212
- Dose logger interval: 1 to 999 days

RF Strength Specification:

- Sample rate: 1 time /10 seconds
- RF sensor: Single axis sensor
- Measurement range: 0.1~14.0 V/m
- Accuracy: ± 2 dB to 2.45GHz
- Frequency range: 50MHz to 3.5GHz
- Range:
 - $0.02\mu\text{W}/\text{m}^2$ to $484.6\mu\text{W}/\text{m}^2$
 - $0.01\mu\text{W}/\text{cm}^2$ to $45.3\mu\text{W}/\text{cm}^2$
 - 36.1mV/m to 13.90V/m
 - 0.01mA/m to 30.01 mA/m
 - -46 dBm to 16 dBm
- Resolution:
 - $0.01\mu\text{W}/\text{m}^2, 0.01\mu\text{W}/\text{cm}^2$
 - 0.2 mV/m, 0.02 mA/m, 2dB

RF Strength Specification:

- TM-93 meter
- 9V battery
- Soft carrying case
- User manual

	Dose rate Range	RF strength
The Green zone	$\leq 0.19\mu\text{ sv/h}$	$0-0.03\text{mW}/\text{m}^2; 0-0.1\text{V}/\text{m}$
The Yellow zone	$0.2-0.5\mu\text{ sv/h}$	$0.1-2.0\text{ V}/\text{m}$
The Red zone	$>0.51\mu\text{ sv/h}$	$\geq 2.1\text{V}/\text{m}$

