



CIT LTDA

COMPAÑÍA INTERNACIONAL DE TELECOMUNICACIONES

TELECOMUNICACIONES
ELECTRÓNICA - TELEFONÍA – COMPUTACIÓN
RUT N° 78.856.630 - 1

Medidor de Radiación Nuclear y Electromagnética TM-93.



Especificaciones del producto:

Radiation dose rate measurement.◦

CPS/CPM : Geiger Counter count per second (CPS) or count per minute(CPM).

RF strength measurement.◦

Languages : English; Traditional Chinese; Simplified Chinese; Japanese; Español.

Radiation dose rate alarm setting.◦

RF strength warning range settings.

Radiation dose rate audible alert measurement.◦

Calibration factor

Radiation Dose Rate and Dose

Sample rate	1 time/10 seconds or 1 time/40 seconds
Radiation sensor	geiger-mueller tube
Measurement Range	0.05 μ Sv/h~1400 μ Sv/h 5.00 μ Rem/h~140m μ Rem
Resolution	0.01 μ Sv/h 0.01 μ Rem/h
Accuracy	\pm 15% Cesium-137
Gamma energy range	10KeV~1.25 MeV
X-rays energy range	3KeV~3.0 MeV
β -beta energy range	25KeV~3.5 MeV
CPM	0~1999
CPS	0~212
Dose logger interval	1~999 days

RF Strength

Sample rate	1 times/10 seconds
RF sensor	Single axis sensor
Measurement Range	0.1 ~ 14.0 V/m
Accuracy	\pm 2dB at 2.45GHz
Frequency Range	50MHz to 3.5GHz
Range	(0.02 μ W/m ² to 484.6 μ W/m ²) (0.01 μ W/cm ² to 45.3 μ W/cm ²) (36.1mV/m to 13.90V/m) (0.01mA/m to 30.01mA/m) (-46dBm to 16dBm)
Resolution	0.01 μ W/m ² , 0.01 μ W/cm ² , 0.2mV/m, 0.02mA/m, 2dB