

RADIATION METER FOR GAMMA, BETA, X-RAY



TM-91N



Introduction:

The TM-91N radiation monitor is the survey meter in measuring the Gamma, Beta, X-Ray radiation with Geiger-Mueller tube. It is useful in monitoring the environment home safety, nuclear, medical, mining and metal industries. It is also ideal for the border control, customs and goods inspections. Measurements are displayed on a LCD monitor with low and alarm settings. The measurement can be displayed in μ Siever/h or μ Rem/h with a range of 0,5 μ S/h to 1400 μ S/h or 50 μ Rem/h to 140000 μ Rem/h. It is an excellent device, high sensitivity, for living environments or industrial environments.

Features:

Measurement : Gamma, Beta, X-Ray.
Units : MicroSiever/h (μ S/h) or MicroRem/h (μ Rem/h).
Range : 0,5 μ S/h to 1400 μ S/h or 50 μ Rem/h to 140000 μ Rem/h.
Accuracy : 20% with resolution of 0,01 μ S/h or 1 μ Rem/h, (Cesium 137).
Energy dependency : 30KeV to 1,3 Mev.
Display : 3-1/2 digits with LCD display.
Simple rate : 10 seconds (<20 μ S/h) and 1 second (>20 μ S/h).
Alarm setting : 0,50 μ S/h to 20 μ S/h, (adjustable).
Low battery indication.
Auto power off : 0 to 60 mn, (adjustable). 0 disable auto power of.
Battery life : approximate 50 hours.
Operation temperature : +5°C to +40°C. Humidity: 0% to 80% RH.
Storage temperature : -10°C to +50°C. Humidity: 0% to 70% RH.

Hardware & Electrical specifications:

Dimensions device : 143 x 74 x 34mm. Weight : 175g.
Dimensions package : 200 x 120 x 67mm. Weight : 350g.
With 1 alkaline battery 9V type 6F22 (include).

Item includes:

Tester.
Alkaline battery 9V type 6F22.
A carrying case.
User manual in English and French.