

RADIATION METER FOR GAMMA, BETA, X-RAY



TM-91



Introduction:

The TM-91 radiation monitor are 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 display on a LCD monitor, with low battery indicator and alarm settings. The measurement can be display in $\mu\text{Sievert/h}$ or $\mu\text{Rem/h}$ with a range of $0,01\mu\text{S/h}$ to $20\mu\text{S/h}$ or $1\mu\text{Rem/h}$ to $2000\mu\text{Rem/h}$. It is an excellent device, high sensitivity, for living environments or industrial environments.

Features:

Measurement : Gamma, Beta, X-Ray.
Units : MicroSievert/h ($\mu\text{S/h}$) or MicroRem/h ($\mu\text{Rem/h}$).
Range : $0,01\mu\text{S/h}$ to $19,99\mu\text{S/h}$ or $1\mu\text{Rem/h}$ to $1999\mu\text{Rem/h}$.
Accuracy : 15% with resolution of $0,01\mu\text{S/h}$ or $1\mu\text{Rem/h}$.
Energy dependency : 0,1 to 1,25 Mev.
Display : 3-1/2 digits with LCD display.
Simple rate : 20 seconds.
Alarm setting : $0,50\mu\text{S/h}$ or $50\mu\text{Rem/h}$, (adjustable).
Low battery indication.
Auto power off : 30 mn, (adjustable).
Battery life : approximate 50 hours.
Operation temperature : 0°C to $+50^{\circ}\text{C}$
Storage temperature : -20°C to $+60^{\circ}\text{C}$

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.