

## **RADIATION METER FOR GAMMA, BETA, X-RAY**



# TM-91



### **Introduction:**

The TM-91 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 battery indicator and alarm settings. The measurement can be displayed 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 :  $0^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$   
Storage temperature :  $-20^{\circ}\text{C}$  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.