

# GAMMA – X-RAY - RADIOGRAPHY SURVEY METER

γ - x射线照相巡测仪

Model - TBM-3R-D

## FEATURES:

### 特点

- GAMMA OR X-RAY  
γ 或X射线
- INTERNAL GM DETECTOR  
内置GM探头

## OPTIONAL: EXTERNAL GM DETECTOR

### 选项: 外置GM探头

- DIGITAL DISPLAY  
数字显示
- LIGHT WEIGHT  
轻量
- RUGGED / SPLASHPROOF  
结实/防水溅
- ONE HAND OPERATION  
单手操作
- BUILT-IN SPEAKER  
内置扬声器
- ANTI-SATURATION CIRCUIT  
抗饱和电路
- AVAILABLE IN  $\mu\text{Sv/h}$  mR/h  
可选单位

## OPTIONAL: 可选

- AUDIO ALARM  
声音报警
- RS-232 SERIAL PORT OR USB PORT  
数据接口 RS-232 或 USB
- IP64
- CE



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US NUCLEAR CORP.

TICKER UCLE

# GAMMA – X-RAY - RADIOGRAPHY SURVEY METER γ - x射线照相巡测仪

Model - TBM-3R-D

## APPLICATION: 应用

Monitoring or surveying in radiographic and other areas where Gamma or X-Rays are used, including problem areas where small size, light weight and extreme ruggedness are required. Useful when shipping or receiving radiation materials.

对伽马或X-rays照相区或其它区域进行监测，包括需要小巧轻量却极其坚固仪器的问题区域。也适用于邮寄或接收辐射物的区域。

## DESCRIPTION: 描述

Small, rugged, very light weight, splash-proof:

小巧结实而且非常轻

- Measures Gamma and X-Rays.  
测量  $\gamma$  和x射线
- Measures both Dose & Dose Rate  
测量总剂量和剂量率
- Built-in speaker.  
内置扬声器
- Reads out directly in mR/hr or  $\mu$ Sv/h.  
直接读出mR/hr 或  $\mu$ Sv/h
- Ruggedized meter.  
结实坚固
- Anti-saturation circuit will not fall below full scale in high field.  
抗饱和电路在高辐射场下也不偏离刻度以外
- Tested to 100 R/hr.  
测量到100 R/hr
- Battery test LED.  
电池测试LED

## SPECIFICATIONS:

### 规格

<b>Dose Rate Range:</b> 剂量率量程:	0.1 mR/h to 100mR/h; 1 $\mu$ Sv/h to 1000 $\mu$ Sv/h
<b>Total Dose Range:</b> 总剂量量程:	0.1 mR to 10,000 mR; 0.1 $\mu$ Sv/h to 100,000 $\mu$ Sv
<b>Temperature:</b> 温度:	-10° C to +40° C
<b>Display:</b> 显示:	8 Digit LCD Digital Dose Rate and Integrated Modes Eliminates the need for a Range Switch, and Auto Range 8位数LCD数字显示剂量率和总剂量，自动量程转
<b>3 Switch Positions:</b>	On/Off, Battery Test Toggle



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**SURVEY METER**  
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3个开关位置:	开/关, 电池测试
<b>Detector:</b>	Energy compensated GM detector
探头:	带能量补偿GM探头
<b>Energy Response:</b>	±20% from 82 KeV to 1.5 MeV
能量响应:	
<b>Anti-saturation:</b>	Tested to 100 R/hr.
抗饱和:	
<b>Battery:</b>	(6) AA cells – Easy change, snap-in battery holder
电池:	6节AA电池-易于更换, 嵌入式电池盒
<b>Battery Life:</b>	Approximately 100 hours in normal use
电池寿命:	正常操作100小时
<b>Handle:</b>	Swivel type
手柄:	旋转式
<b>Dimensions:</b>	3" Wide x 5-3/8" Long x 3-1/2" High. Excluding knobs and handle. (7.6 cm x 13.6 cm x 8.9 cm)
尺寸:	包含把手等7.6 cm x 13.6 cm x 8.9 cm
<b>Weight:</b>	1 kg including batteries
重量:	含电池1KG
<b>INCLUDED:</b>	Manual 手册
包括:	Inspection & Calibration Certificates 合格&标定证书 Standard One Year Warranty 标准一年保修期
<b>OPTIONAL:</b>	Back Light Display
选项:	背景灯 Audio Alarm 声音报警 AC ADAPTER AC适配器 RS-232 Serial Port or USB Port RS-232接口或USB Extended Warranty 延长质保



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