

MICRO-TBM

微型TBM

Model # TBM-6U-SV

FEATURES: 特点

- GAMMA DETECTOR
伽马探测仪
- SENSITIVE – 0.001 μ Sv per division
灵敏-每个小格0.001 μ Sv/h
- SMALL - TBM - SIZE – 1.3 Kg
小TBM1.3千克
- NaI(Tl) EXTRA SENSITIVE CRYSTAL
碘化钠极其灵敏晶体
- RUGGED, SPLASH PROOF
结实, 防水溅
- WIDE COVERAGE•
宽覆盖面积
- ADDITIONAL PROBE CAPABILITY,
SWITCH SELECTABLE•
添加探头功能, 开关选择
- ONE INSTRUMENT WITH ADDED
PROBES TO DO MOST JOBS
一台仪器可添加探头完成更多任务
- LIGHTWEIGHT – 2.3 Kg
轻量-2.3千克
- IP64
- CE MARK 认证



APPLICATION: 应用

Use for Low Range Gamma & High Beta 用于低能量 γ 和高能 β

Micro-R-Meter 用作微型计量仪

DESCRIPTION: 描述

The TBM-6U-SV Micro-Meter

- Highly Sensitive 高灵敏
- Internally mounted sensitive scintillation detector. 内置灵敏闪烁探头
- The lower limit of detection (95% confidence level) is 0.007 μ Sv/h 下限探测0.007 μ Sv/h
- One division on the meter registers 0.001 Sv/h..



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Divisions of  US NUCLEAR CORP

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仪表上每个小格 0.001 μ Sv/h

- An LED flash as well as a beep for each count makes for easier use in dark areas.
每个计数LED闪烁一次加一个蜂鸣音，方便暗处使用
- Audible and LED visual counts are a sub-multiple of the actual radiations recorded to allow differentiation at high counting rates.
在高计数率的情况下，声音和LED视觉计数是实际计数倍数。
- A BNC connector is provided for addition of an external probe.
添加外置探头使用BNC连接件
- Internal and external probe circuits are switch selectable and calibrate independently.
内置和外置探头电路可用开关选择并分别标定

SPECIFICATIONS:

规格

Meter:	Rugged recessed 2.5" meter.
读数器:	坚固内凹2.5"读数表
Overall Range:	(0.01 μ Sv/h – 50 μ Sv/h)
总量程:	
Lower Limit:	0.007 μ Sv/h (95% confidence level)
下限:	
Ranges:	4 linear ranges: 0-0.25; .5; 5; 50 μ Sv/h for internal detector.
量程:	4线性量程内置探头0-0.25; .5; 5; 50 μ Sv/h
Range Switch Positions:	Off, Battery Test, 5K, 500, 50, 25 μ R/h or 50,5,0.5, 0.25 μ Sv/h.
量程开关位置:	
Detector Switch (Toggle):	Internal detector/Front Panel BNC Jack.
探头开关 (棒式):	内置探头/前板BNC接头
Time Constant Switch:	Fast, Slow (approx. 2 & 11 sec.).
时间常数开关:	快, 慢 (约2 & 11秒)
Adjustable Indicator (Alarm):	Piezoelectric audio & flashing LED (red for internal scintillator probe).
可调节指示器 (报警):	压电音加闪烁LED (红灯为内置闪烁体探头)
Detector:	Internal: Scintillation including crystal 1" diameter NaI(Tl).
探头:	内置: 直径1"碘化钠晶体
Calibration:	Single master Cal Pot for each detector plus individual Cal Pot for each scale. Pots adjustable from outside case.
标定:	每个探头一个独立定标电位计, 电位计可从箱外调节



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Accuracy:	+/- 10%
精度:	
Energy Response:	+/- 30%, 80 KeV to 1.3 MeV
能量响应:	
Linearity:	+/- 10% above 1 μ Sv/h
线性:	
High Voltage:	Independent internal adjust for each detector.
高压:	每个探头内部独立调整
POWER:	电源
Power:	9 V battery
电源:	9V电池
Battery life:	100 hours normal operation.
电池寿命:	100小时正常操作
DIMENSIONS & WEIGHT:	尺寸&重量
Dimensions:	3" (7.6cm) W x 5-1/4" (13.3cm) L x 3-1/8" (8cm) Deep.
尺寸:	3" (7.6cm) 宽 x 5-1/4" (13.3cm) 长 x 3-1/8" (8cm) 深.
Total Weight:	1.3 Kg (including internal probe & battery).
总重量:	1.3 Kg (包括内置探头和电池).



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