

SURFACE MONITOR/SEARCH TOOL

表面沾污仪/搜查仪

Model ~ TBM-6SP-ST

FEATURES:特点

- TWO SEPARATE DETECTORS
- 两个独立探头
 - INTERNAL: PANCAKE GEIGER
 - 内置: 扁平盖革管
 - EXTERNAL: SCINTILLATOR 1" X 1" NaI(Tl)
 - 外置: 1" x 1" NaI(Tl)闪烁体
- 4 LINEAR RANGES
- 4 线性量程
- RUGGED
- 耐用
- SLIDING SHIELD PROTECTS PANCAKE DETECTOR WHEN NOT IN USE
- 滑动窗保护闲置时的扁平管探头
- LIGHTWEIGHT – FITS IN A BRIEFCASE
- 轻量-可置于手提箱



DESCRIPTION: 描述

- The **TBM-6SP-ST** features an internally mounted 2 inch pancake GM detector with window looking downward from bottom of case.
- TBM-6SP-ST内置2英寸扁平GM管探头，外箱底部带向下窗
- An External Model PGS-3 1" x 1" scintillation probe for use as a Gamma Search Tool and μ R Meter.
- 外置Model PGS-3 1" x 1"闪烁探头用作 γ 搜索工具和 μ R测量仪
- A sliding shield protects pancake detector when not in use.
- 滑动窗在探头闲置时进行保护
- This system is half the weight of other systems.
此系统为其它系统重量一半

SPECIFICATIONS:规格

Meter: 仪表	Rugged, recessed 2-1/2" meter. 耐用，内凹式2-1/2"仪表
Range Switch Positions: 量程开关位置	Off; Battery Test; X1; X10; X100; X1,000. 关，电池测试，X1; X10; X100; X1,000.

Ranges: 4 linear ranges for each detector:



TECHNICAL ASSOCIATES

Divisions of



US NUCLEAR CORP

7051 Eton Ave., Canoga Park, CA 91303

818-883-7043 (Phone) 818-883-6103 (Fax)

tagold@nwc.net

WWW.TECH-ASSOCIATES.COM

SURFACE MONITOR/SEARCH TOOL

表面沾污仪/搜查仪

Model ~ TBM-6SP-ST

- 量程:** 每个探头4线性
- External: 0-500; 5,000; 50,000; 500,000 cpm.
 - 外置:
 - Internal: 0-0.15; 1.5; 15; 150 mR/hr.
 - 内置:
 - Other scales and overlays available: Sieverts, etc.
 - 其它量程和套尺: Sv等等
- Detector Switch (Toggle):** Internal (pancake), External (scintillator)
探头开关 (棒式) 内置 (扁平管), 外置 (闪烁体)
- Time Constant Switch:** Fast, Slow (approx. 2 & 11 sec.)
时间常数开关: 快, 慢 (约 2 & 11秒)
- Detectors:** 2" O.D. Internal Pancake Geiger.
探头 PGS-3 - 1" diameter by 1" thick crystal scintillation probe with 40" removable cable for external. NaI(Tl) crystal.
外径为2"内置扁平盖革管
PGS-3-直径1" X1"厚晶体闪烁探头带40"可拆卸缆线, 外置。NaI(Tl)标准晶体
Optional: BGO crystal .
选购BGO晶体

Efficiency: 效率

BETA Pancake β 扁平管	C ¹⁴	40%	P ³²	98%	Exclusive of any geometry factor 不考虑几何因子
GAMMA γ	I ¹³¹	77%	Co ⁶⁰	38%	Exclusive of any geometry factor 不考虑几何因子
Scintillation 闪烁体	Tc ^{99m}	99%	Cs ¹³⁷	50%	Exclusive of any geometry factor 不考虑几何因子

- Calibration:** Single Master Cal Pot for each detector, plus individual Cal Pot for each scale.
刻度/校准 Pots adjust from outside case.
每个探头一个单独的定标电位计, 每个电位计可从箱外调节
- Power:** 9V battery
电源: 9V电池
- Battery Life:** 100 hrs. Normal Operation.
电池寿命: 正常操作100小时

WEIGHT & DIMENSIONS:

重量&尺寸



TECHNICAL ASSOCIATES

Divisions of



US NUCLEAR CORP

7051 Eton Ave., Canoga Park, CA 91303

818-883-7043 (Phone) 818-883-6103 (Fax)

tagold@nwc.net

WWW.TECH-ASSOCIATES.COM

SURFACE MONITOR/SEARCH TOOL

表面沾污仪/搜查仪

Model ~ TBM-6SP-ST

Unit Dimensions:	3" (7.6 cm) W x 5-1/4" (13.3 cm) L x 2-1/4" (6 cm) D. Excluding External Probe
尺寸:	不包括外置探头, 3" (7.6 cm) 宽 x 5-1/4" (13.3 cm) 长 x 2-1/4" (6 cm) 深
Total Weight:	2.5 lbs. (including probe and battery)
总重量:	2.5磅 (包括探头和电池)
Shipping Weight:	4.4 lbs.
装运重量:	4.4磅



TECHNICAL ASSOCIATES

Divisions of



US NUCLEAR CORP

7051 Eton Ave., Canoga Park, CA 91303

818-883-7043 (Phone) 818-883-6103 (Fax)

tagold@nwc.net

WWW.TECH-ASSOCIATES.COM