SURFACE MONITOR/SEARCH TOOL

Model # TBM-6SP-ST

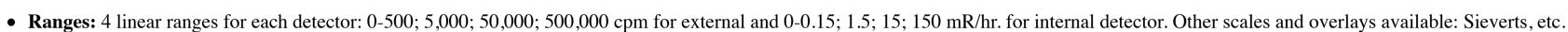
FEATURES:

- TWO SEPARATE DETECTORS: EXTERNAL - SCINTILLATOR 1" x 1" NaI(T1) **INTERNAL - PANCAKE GEIGER**
- LIGHTWEIGHT FITS IN YOUR BRIEFCASE

DESCRIPTION: The **TBM-6SP-ST** features an internally mounted 2 inch pancake GM detector with window looking downward from bottom of case and an External Model PGS-3 1" x 1" scintillation probe for use as a Gamma Search Tool and μ R Meter. A sliding shield protects pancake detector when not in use. This system is half the weight of other systems.

SPECIFICATIONS:

- Meter: Rugged, recessed 2-1/2" meter.
- Range Switch Positions: Off; Battery Test; X1; X10; X100; X1,000.



- Detector Switch (Toggle): Internal (pancake), External (scintillator)
- **Time Constant Switch:** Fast, Slow (approx. 2 & 11 sec.)
- Detectors: 2" O.D. Pancake Geiger for internal and PGS-3 1" diameter by 1" thick crystal scintillation probe with 40" removable cable for external. Nal(Tl) crystal standard. Optional BGO crystal . • Efficiency:

BETA Pancake	C ¹⁴	40%	P ³²	98%	Exclusive of any geometry factor
GAMMA	I ¹³¹	77%	Co ⁶⁰	38%	Exclusive of any geometry factor
Scintillation	Tc ^{99m}	99%	Cs ¹³⁷	50%	Exclusive of any geometry factor

- Calibration: Single master Cal Pot for each detector, plus individual Cal Pot for each scale. Pots adjust from outside case.
- Power: 9V Transistor battery (Eveready E1220 or equivalent). Battery life 100 hrs. norm. operation.
- Dimensions: 3" wide x 5-1/4" long x 2-1/4" deep. (7.6 cm x 13.3 cm x 6 cm).Excluding External Probe.
- Total Weight: 2.5 lbs. (including probe and battery)

Similar Products

• **Shipping Weight:** 4.4 lbs.

On-Line Catalog



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