

SURFACE MONITOR SEARCH TOOL

Model ~ TBM-6SP-ST-D

FEATURES:

- ALPHA, BETA / GAMMA DETECTOR
- TWO SEPARATE DETECTORS
- TWO DETECTOR MOUNTING CLIPS
- P-15 GM PANCAKE WITH T-1190 TUBE
- PGS-3 - GAMMA SCINTILLATION NaI(Tl)
 - **OPTIONAL – PGS-3T** INSTEAD OF **PGS-3**
LOW ENERGY GAMMA SCINTILLATION PROBE
 - **OPTIONAL – BGO** INSTEAD OF **PGS-3** OR **PGS-3T**

PRS-2S ELECTRONICS

- READS OUT FROM 2 SEPARATE PROBES SIMULTANEOUSLY
- 2 PROBE MOUNTING CLIPS
- NO ENERGY DISCRIMINATION
- ENHANCED RESPONSE 5 KeV TO 250 KeV
- PORTABLE; BATTERY OPERATED
- LIGHTWEIGHT - FITS IN A BRIEFCASE
- **OPTIONAL:** USB / RS-232 SERIAL OUTPUTS
- **OPTIONAL:** PRE-AMPLIFIER
- **CE MARK; IP63**



**PRS-2S
TBM-6SP-ST-D ELECTRONICS**

DESCRIPTION:

- PGS-3 thin window/thin crystal scintillation probe for detection of I-125, Tc-99m, Co-57 and other low energy Gammas.
- P-15 Alpha, Beta Pancake Probe with T-1190 tube.
- Use as both a Ratemeter and Automatic Scaler.
- Readings directly in mR/hr or other units can be made by choosing correct scaling factors for the scaler and the ratemeter.
- Digital ratemeter mode - 6 full decades and Scaler Mode – 8 decades of accurate readout without manual switching.
- This system is half the weight of other systems.



TECHNICAL ASSOCIATES

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OTCOB-UCLE

SURFACE MONITOR SEARCH TOOL

Model ~ TBM-6SP-ST-D

EFFICIENCY:

BETA Pancake	C ¹⁴	40%	P ³²	98%	Exclusive of any geometry factor
GAMMA	I ¹²⁵	87%	Co ⁵⁷	78%	Exclusive of any geometry factor
Scintillation	Tc ^{99m}	75%	Cs ¹³⁷	30%	Exclusive of any geometry factor

SPECIFICATIONS:

Detectors:	PGS-3 thin window/thin crystal scintillation probe for detection of I-125, Tc-99m, Co-57 and other low energy Gammas.
Optional:	PGS-3T Low Energy Gamma Scintillation Probe
Optional:	BGO instead of PGS-3 or PGS-3T
	P-15 Alpha, Beta Pancake Probe with T-1190 tube
Alarm:	Audio / Visual, Low Battery Warning
Temperature:	14° F to 104° F (-10 C° to 40° C)
Power:	Batteries: 6 AA cells or optional in-place rechargeable batteries.
Battery Life:	100 hours with Alkaline cells (200 hours with - Lithium cells).
Construction:	All plug-in circuit cards, essentially no wires. Rugged, lightweight
Dimensions:	3-1/4" H, 4-1/4 W, 7-1/4" (8.2 cm x 10.7 cm x 18.4 cm) excluding probe holder and handle.
Weight:	2 lbs.(0.9 kg)
Options:	RS-232 serial port Pre-amp for proportional detectors Other connectors - MHV etc In-place rechargeable batteries

Digital Display	RATEMETER	SCALER
Range	6-digit LCD	8-digit LCD
User Settable Scale Factor	0.1 - 20,000 count/sec	0-10,000,000 Total counts
Time Constant	0.01 to 99 seconds Display Refresh Rate	Free Running



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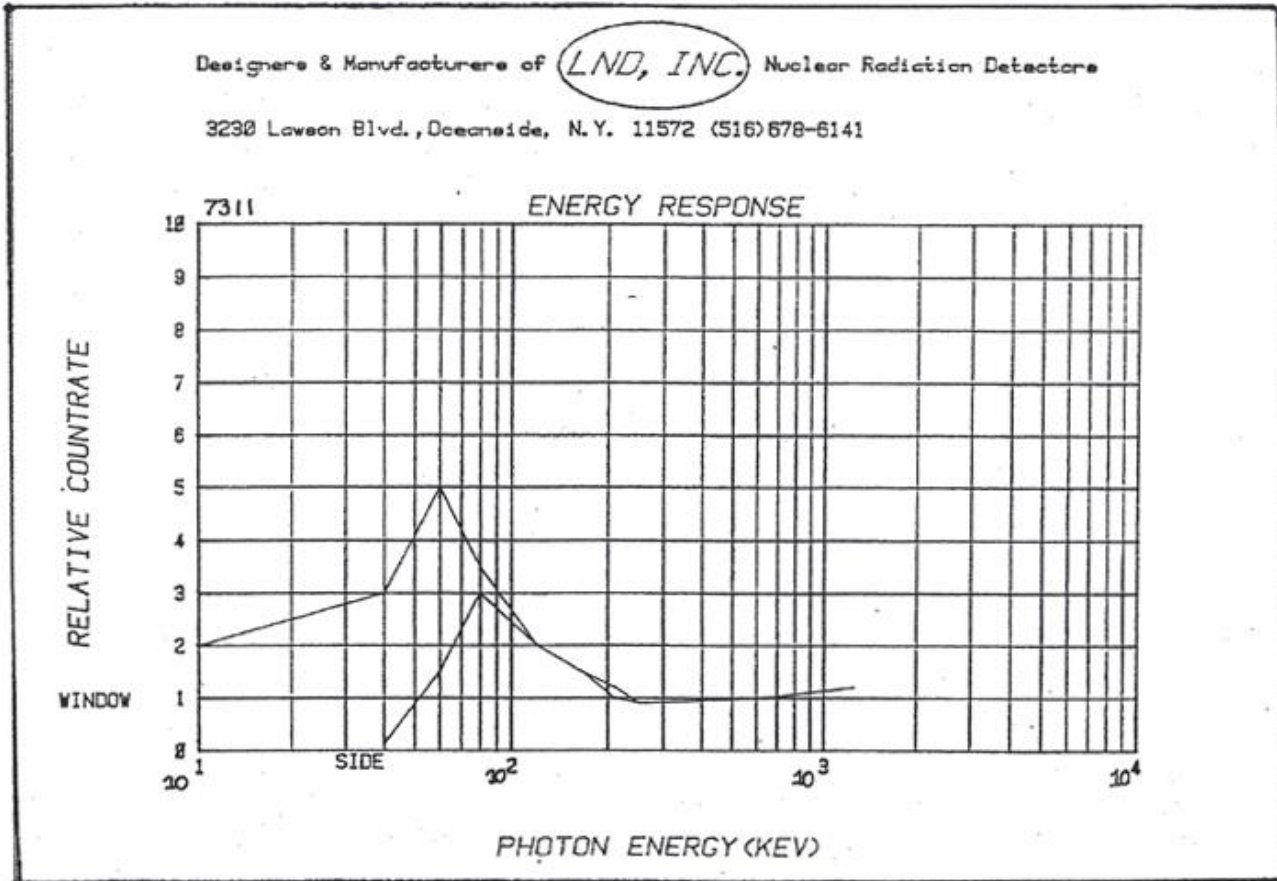


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P-15 - T-1190 ENERGY RESONSE



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