

OUTREACH AND LOW BACKGROUND TBM

Model Series ~ TBM-23

Models ~ TBM-23-W (Outreach Wand) ~ TBM-23-LB (Low Background)

FEATURES:

- ALPHA, BETA, GAMMA
- PORTABLE
- ANTI-SATURATION CIRCUIT
- ONE HAND OPERATION
- ALARM: AUDIO WITH VOLUME CONTROL
- LIGHTWEIGHT

TBM-23-W

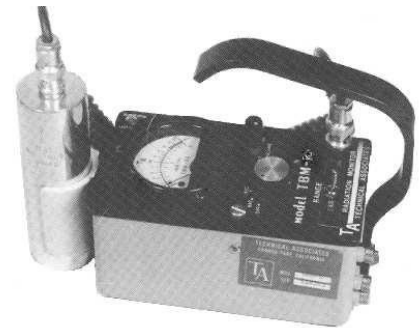
- WAND: 33 INCH REACH
- SWIVEL HEAD
- DETACHABLE TELESCOPING MINI-PROBE

TBM-23-LB

- VERY LOW BACKGROUND
- READS TO 100mR/hr



TBM-23-W



TBM-23-LB

APPLICATION:

TBM-23-W provides extended reach to monitor floor or ceiling or pipes or windows and into corners. Its small size, light weight, separable probe, and detector size makes this a very useful monitor.

TBM-23-LB provides column monitoring chromatogram plate monitoring and general-purpose monitoring.

GENERAL DESCRIPTION:

TBM-23-W

- A 33" long wand with separable small three range ratemeter.
- Reads out in counts per minute (and mR/hr).
- Thin window one-inch diameter GM detector at end of wand is recessed and protected by sturdy aluminum grill.

TBM-23-LB

- The P6-LB thin end window probe utilizes a low background Geiger tube with resulting high sensitivity for low level monitoring.



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Divisions of



US NUCLEAR CORP

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SPECIFICATIONS

Meter:	Rugged, recessed glass face 2-1/2" meter.
Ranges:	3 linear ranges: 0-500; 5,000; 50,000 (0-1, 10, 100 mR/hr)
Switch Positions:	Off, Battery Test, x100, x10, x1.
Alarm:	Loud Sonalert with volume control.
Detector	
TBM-23-W & TBM-23-LB:	T-1210A, 2.5 cm OD thin window GM tube. Window diameter: 2.0 cm sensitive diameter 3.2 cm ² (0.6 sq. in.) probe area provides fast monitoring.
TBM-23-W:	Compact probe design (2-1/4" long plus connector, by 1-1/16" OD) allows monitoring in corners and hard to get at locations. Easily replaceable probe extender collapses to 9" and extends to 5'.
TBM-23-LB:	Compact probe design (5 3/4" long plus connector x 1 1/4" OD) provides monitoring in corners and hard to reach locations.
Background Typically:	10 cpm.
Efficiency:	100 % for all betas and alphas that have sufficient energy to penetrate the thin window.
Calibration:	Single master calibration pot plus individual cal pots for each scale. Pots are adjustable without opening case.
Power:	9V transistor battery (Eveready E-146x or equiv.)
Battery Life:	100 hours in normal operation.
Physical Dimensions:	3" (7.6 cm) wide x 5 1/4" (13.3 cm) long x 2 1/4" (6 cm) thick (excluding meter, handle and probe).
Weight:	Electronics: 26 oz. (738 gm.).
TBM-23-W:	Total: including long arm mini-probe and cable 32 oz (905 gm).
TBM-23-LB:	External end window detector: ADD 3 oz. (90 gm.).



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