

FRISKER

Model ~ TBM-15

FEATURES:

- DETECTS ALL BETAS INCLUDING C-14, S-35, NOT TRITIUM
- 3 RANGES: 0-500, 0-5000, 0-50,000 cpm
- 0-15, 1.5, 15 mR/hr
- MEASURES BACKGROUND EASILY
- MEASURES ALPHA, BETA, GAMMA
- SONALERT
- ANTI SATURATION CIRCUIT
- LIGHT WEIGHT; ACCURATE
- UPPER RANGE TO 15 mR/hr
- ONE or TWO HANDED SURFACE MONITORING
- DETACHABLE 2" PANCAKE PROBE WITH MOUNTING BRACKET ON BOTTOM OF CASE
- **IP64**
- **CE MARK**



TBM-15 WITH GM PROBE

DESCRIPTION:

The TBM-15 is a Frisker with an External GM Detector.

- Surface Monitor
- Easy to Read
- P-15 GM Frisker Probe
- Analog Read-Out
- Lightweight
- Built-In Probe Holder – tongue and groove probe holder on bottom of instrument case
- Compact in Sturdy Aluminum Case
- Anti-Saturation Feature



TECHNICAL ASSOCIATES
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Divisions of



US NUCLEAR CORP

FRISKER

Model ~ TBM-15

SPECIFICATIONS:

DISPLAY:

3 Ranges: 0-15, 1.5, 15 mR/hr (Thin Window 2" dia. **P-15 External Probe**)

Indicator: 2.5" Analog Meter indication,
Red LED flashes once for each count of the detector.

Switch Positions: Rotary switch: OFF, , x 100, x 10, x 1

Battery Test Switch: Push button.

Audio: Sonalert with volume control.

EXTERNAL DETECTOR: 2" dia. T-1190 pancake GM with thin end window (1.5 – 2mg/cm²)

Alpha, Beta, Gamma probe on one meter; detachable cord.
Sees all Betas except Tritium this includes C-14 and S-35.

[See T-1190 Chart of details.](#)

Window Diameter: 1 3/4"; 4.5 cm. Area 16 cm²

Window Thickness: 1.5 mg/cm²

Quench Gas: Halogen for long life.

Background: Typical 50 cpm. Thin profile of tube (13mm) gives low background.

Window Transmission: 100% for all Betas & Alphas with sufficient energy to penetrate thin window.

Anti-Saturation: Instrument will not fall below full scale in high fields.
Tested to 100 times highest reading.

Meter: Rugged meter with recessed lexan face & jeweled movement.

Probe Holder: Unique tongue & groove probe holder allows for one or two handed monitoring.

Power: (1) 9 Volt Battery

Calibration: Single master calibration pot as well as individual cal pots for each scale.

WEIGHT & DIMENSIONS:

Dimensions: 3" x 5.25" x 2.25" (7.6 x 13.3 x 5.7 cm) excluding handle.

Weight: 1.75 lbs.; 28 oz. (800g)

OPTIONAL:

- Other units on meter readout such as SI, Sv/h, CPM, or cps.
- Dual scale - mR/hr and cpm.

Available Accessories Include:

- Check Source & Holder.
- Shoulder Strap.
- Pelican Carrying Case.
- Other External GM or Scintillation Probes.



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