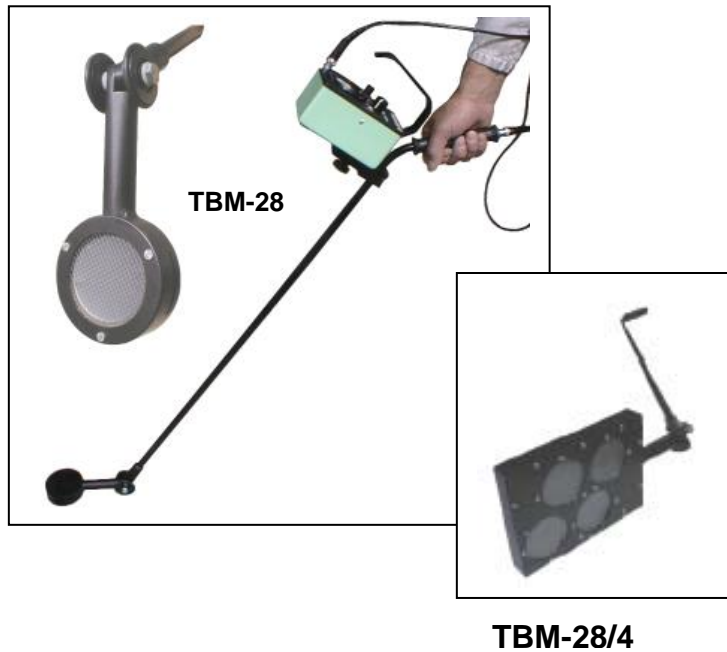


# FLOOR CONTAMINATION MONITOR

Model Series - TBM-28 & TBM-28-15; TBM-28/4 & TBM-28/4-15

## FEATURES:

- 1.2 METER REACH
- SWIVEL HEAD
- WHEELS FOR FLOOR USE
- ONE HAND OPERATION
- DETACHABLE GOLF CLUB PROBE
- BUILT-IN SONALERT WITH VOLUME CONTROL
- ANTI-SATURATION CIRCUIT



## APPLICATION:

Allows expanded reach to monitor floor or ceiling or pipes or windows, and into hard to reach corners. It's small size, light weight, separable probe and large detector area makes this a very useful monitor.

**Model TBM-28-15** or **Model TBM-28/4-15** includes the P-15 with short handle allows checking of hands, clothes, desktop etc.

## DESCRIPTION:

- A **1.2 meter wand** with separable, small, three-range ratemeter.
- Reads out in counts per minute.
- Thin pancake wide face GM detector at end of long arm is recessed and protected by sturdy aluminum grill.
- Instrument will see alpha, beta and gamma.
- Anti-saturation circuit will not fall below scale in high fields.
- Tested to 100 R/hr.
- **Sonalert** with volume control gives audible rate indication.
- **Model TBM-28-15** or **Model TBM-28/4-15** includes the P-15 with short handle



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# FLOOR CONTAMINATION MONITOR

Model Series - TBM-28 & TBM-28-15; TBM-28/4 & TBM-28/4-15

## SPECIFICATIONS:

**Meter:** Rugged Recessed Glass Face 2-1/2" meter.  
**Ranges:** 3 Linear Ranges 0-500; 5000; 50,000 cpm.  
**Switch Position:** Off, Battery Test, X100, X10, X1.  
**Audio:** Loud Sonalert with Volume Control.

## DETECTOR:

**TBM-28** consists of TBM electronics and the P-28 long arm GM Probe.  
**TBM-28/4** has four GM tubes in the P-28/4 long arm GM Probe. .  
(4) each T-1190 - 2" diameter (5cm) "Pancake GM" tubes.  
**TBM-28-15 & TBM-28/4-15** come with 2 probes: long handle P-28; short handle P-15.

**Window Diameter:** 1-3/4"; 4.5cm.  
**Window Thickness:** 1.5 to 2 mg/cm<sup>2</sup>  
**Probe Area:** **TBM-28** provides 16 cm<sup>2</sup> for fast monitoring.  
Thin profile of tube: 13mm gives low background: typical 50 cpm.  
**TBM-28/4** provides Large Probe Area: 62 cm<sup>2</sup> for fast monitoring.

**Window Efficiency:** 100% for all betas and alphas that have sufficient energy to penetrate the thin window.  
**Overall Efficiency:** Greater than 30% for Sr/Y-90.  
**Calibration:** Single master calibration pot plus individual cal pots for each scale.  
Pots are adjustable without opening case.

**POWER:** 9 volt battery  
**Battery Life:** 100 hours in normal operation.

## WEIGHT & DIMENSIONS:

**Physical Dimensions:** **TBM-28:** 3" x 44" x 5" (8cm x 112cm x 13cm).  
**TBM-28/4:** 26" x 7" x 7" (650mm x 170mm x 180mm).

**Weight:**  
**Total Weight:** **TBM-28** Including long arm probe 1.3 kg  
**TBM-28-15:** Including long arm probe less than 3kg



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