

HIGH RANGE GEIGER COUNTER WITH EXTENDABLE TELESCOPIC PROBE

Model Series ~ TBM-55

Model ~ TBM-55 ~ Model TBM-55HR

FEATURES:

- HIGH RANGE BETA – GAMMA DETECTION
- LIGHTWEIGHT, RUGGED TBM METER READOUT
- WAND EXTENDS TO 5 ½ FEET (**TBM-55**)
 - RETRACTED TO 9 INCHES
 - WAND 6 OUNCES
- WAND EXTENDS TO 10 ½ FEET (**TBM-55HR**)
 - RETRACTED TO 2 ½ FEET
 - WAND 24 OUNCES



TBM-55



TBM-55HR

GENERAL DESCRIPTION:

The TBM-55 Series is a complete mid-to-high-range Beta – Gamma radiation detection system.

- TBM Electronics with **ruggedized meter readout**.
- Probe
- Extendable telescopic holder
- System is operated by a 9 volt battery.
- **TBM-55HR** uses the 6 oz extension for 5 ½ FEET or the 24 oz extension for 10 ½ FEET.

Weighing only 2 lbs (**TBM-55**) or 3 ½ lbs (**TBM-55HR**) its lightweight, compact size permits easy transport and use.



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

7051 Eton Ave., Canoga Park, CA 91303
818-883-7043 (Phone) 818-883-6103 (Fax)

tagold@nwc.net

WWW.TECH-ASSOCIATES.COM

Divisions of



US NUCLEAR CORP

HIGH RANGE GEIGER COUNTER WITH EXTENDABLE TELESCOPIC PROBE

Model Series ~ TBM-55

Model ~ TBM-55 ~ Model TBM-55HR

SPECIFICATIONS

Ranges:

TBM-55 0-5, 50, 500 mR/hr; 5, 50 R/hr.
TBM-55HR 0-0.1, 1, 10 1,000 R/hr.

Energies Detected:

Gamma: All energies above 15 KeV.
Energy Dependence: With **optional** energy compensation sleeve (**removable**), 20%, 80 KeV to 1.25 MeV.
Beta: Above 0.2 MeV.
Beta Efficient: 0.3 MeV 45%
1 MeV 75%
2 MeV 85%
3 MeV > 90%

Extendable Length:

TBM-55 5 ½ feet

Retracted Length:

TBM-55 9 inches

Total Weight:

TBM-55 2 lbs.

Extendable Length:

TBM-55HR 10 ½ feet

Retracted Length:

TBM-55HR 2 ½ feet

Total Weight:

TBM-55HR 3 ½ lbs.

Option:

Energy Compensation Sleeve.

Replacements:

Reasonably priced replacement parts are readily available from T/A:

- Extendible Probe Holder
- Coil Cord
- GM Tube T-1216
- GM Tube T-1214



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

Divisions of



US NUCLEAR CORP

7051 Eton Ave., Canoga Park, CA 91303
818-883-7043 (Phone) 818-883-6103 (Fax)

tagold@nwc.net

WWW.TECH-ASSOCIATES.COM