

GAMMA – X-RAY - RADIOGRAPHY SURVEY METER

Model - TBM-3R-D

FEATURES:

- GAMMA OR X-RAY
- INTERNAL GM DETECTOR
- OPTIONAL:** EXTERNAL GM DETECTOR
- DIGITAL DISPLAY
- LIGHT WEIGHT
- RUGGED / SPLASHPROOF
- ONE HAND OPERATION
- BUILT-IN SPEAKER
- ANTI-SATURATION CIRCUIT
- AVAILABLE IN $\mu\text{Sv/h}$ mR/h
- IP64
- CE



APPLICATION:

Monitoring or surveying in radiographic and other areas where Gamma or X-Rays are used, including problem areas where small size, light weight and extreme ruggedness are required. Useful when shipping or receiving radiation materials.

DESCRIPTION:

Small, rugged, very light weight, splashproof:

- Measures Gamma and X-Rays.
- Measures both Dose & Dose Rate
- Built-in speaker.
- Reads out directly in mR/hr or $\mu\text{Sv/h}$.
- Ruggedized meter.
- Anti-saturation circuit will not fall below full scale in high field.
- Tested to 100 R/hr.
- Battery test LED.



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

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Divisions of  US NUCLEAR CORP

TICKER UCLE

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SPECIFICATIONS:

Range:	0.1 μ Sv/h – 0.05 mSv/h (10 μ R/hr-5 mR/hr)
Upper Limit Range:	2.0 mSv/h (200 mR/h)
Dose Rate:	\pm 15% of Full Range (137 CS)
Response Time:	<10s (0.1 μ Sv/h – 0.05 mSv/h)
Temperature:	-10° C to +40° C
Display:	8 Digit LCD Digital Dose Rate and Integrated Modes Eliminates the need for a Range Switch, and Auto Range
3 Switch Positions:	On/Off, Battery Test Toggle
Detector:	Energy compensated GM detector
Energy Response:	\pm 20% from 82 KeV to 1.5 MeV
Anti-saturation:	Tested to 100 R/hr.
Battery:	(6) AA cells – Easy change, snap-in battery holder
Battery Life:	Approximately 100 hours in normal use
Handle:	Swivel type
Dimensions:	3” Wide x 5-3/8” Long x 3-1/2” High. Excluding knobs and handle. (7.6 cm x 13.6 cm x 8.9 cm)
Weight:	1 kg including batteries
Shipping Weight:	4 lbs.
INCLUDED:	Manual Inspection & Calibration Certificates Standard One Year Warranty
OPTIONAL:	Back Light Display Audio Alarm Extended Warranty



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