

Digital Contamination Monitor

Model – TBM-3SR-D and TBM-3SR-DN

Specifications

Digital Display:	Large 6 digit LCD
Decades:	4 decades
Ranges:	0.01 to 100.00 mR/h (0.1 μ Sv/h to 1.0 mSv/h)
Display:	8 Digit LCD Digital Dose Rate and Integrated Modes Eliminates the need for a Range Switch, and Auto Range
Accuracy:	\pm 10%
Switch Positions:	On/Off Toggle, Rate to Integrate Button, Program Button
Battery Test Switch:	Toggle
Detector:	2" T-1190 "pancake GM tube (TBM-3SR-D)
Detector:	2" T-1190 "pancake GM tube with Neutron converter for fast and Slow Neutrons (TBM-3SR-DN)
Diameter:	2 inches (5cm).
Window Diameter:	1-3/4 inches (4.5cm) Window Thickness: 1.5 mg/cm ²
Quench Gas:	Halogen for long life.
Background:	Typical <50 cpm. Thin Profile of tube (13mm) gives low background.
Efficiency:	All Betas and Alphas that have the energy to penetrate the thin window. Gamma sensitivity nominal is 3,500 cpm / mR/h (based on Cs137).
Operating Temp:	-35° C to 75° C
Humidity:	95% Non-Condensing
Dimensions:	32" Wide x 5-3/8" Long x 3-1/22" High. Excluding knobs and handle. (7.6 cm x 13.6 cm x 8.9 cm)
Beta Shield:	Methacrylate 0.1252", 3.1mm.
Calibration:	Digital calibration of both dose and dose rate from front panel or optionally by computer with serial option.
Battery:	(6) AA cells – Easy change, snap-in battery holder
Battery Life:	Approximately 100 hours in normal use
Weight:	1 lb (453 grams)

Optional

- Lithium batteries
- Lighted LCD Display.
- LED and audio alarm
- 2-way Serial port
- Fully stable Audio Alarm
- Detachable Handle TBM-3SR(DL)

FIRE FIGHTERS: TBM-3SR-D
and TBM-3SR-DN are available with
engineering unit options:

- mR/hour Scale
- single Counts Per Second Scale (cps)
- μ Sv/h



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