

Sensitive Integrating Ion Chamber

Model – TBM-IC-AJI

Specifications

Detector:	Free Air ion chamber 3.7" dia x 6" long. Internal volume almost one liter
Wall and Cap:	Methacrylate, graphite lined 180 mg/cm ² walls and 540 mg/cm ² cap.
Window:	3.0" dia. x 0.5 mg/cm ² Mylar.
Readout:	LCD 8 digits.
Energy Response:	CAP-OFF: Sensitive down to 2 KeV +/- 20% 4 KeV to 6 MeV
Indicator Lamp:	Green LED 10 pulses/sec per mR/h. Red: Over-Range Indicator
Range:	

Rate 8 digit 0.01 mR/h to 1.0 R/h in a single range

Integrate 8 digits user settable, as low as 0.01 uR Dose

Electrometer: Solid State MOSFET input.

Electronics: A-D converter LCD drivers.

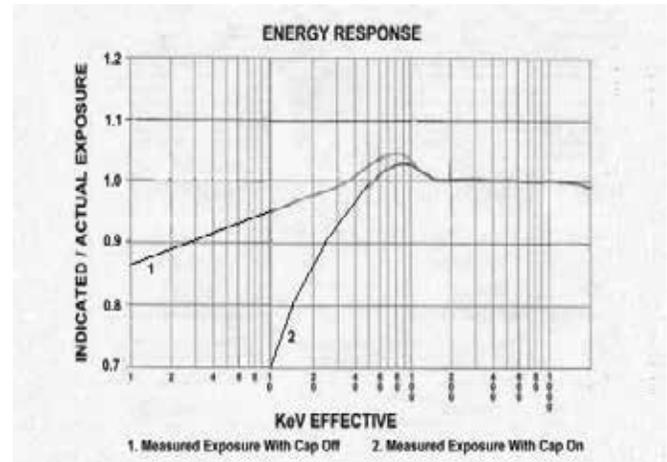
Batteries:

1 set of CR-1220 Lithium lasts for the shelf life 7 years.

6 ea. (AA) - 1000hr.NEDA 15A – 1000 hrs. (Longer with Alkaline or Li-ion or NIMH AA cells)

Dimensions: 6" x 4" x 12" including handle.

Weight: 28 oz with batteries.



Options

- Readout in SI units: Sv and Sv/h. (TBM-IC-AJI-SV)
- Thicker chamber wall to 1g/cm² (TBM-IC-AJI-1g)
- Thin Cap same thickness as chamber side wall (180 mg/cm²)
- Closed chamber (no mylar window).
- Alarm light on Mr/Hr- Rate Mode
- Serial RS-232 Dataport plus software.



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