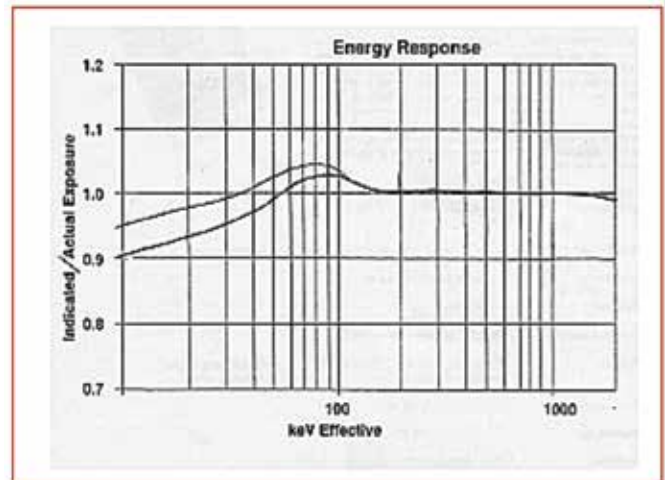




Wide Range Ion Chamber

Model – TBM-IC-HLS



Features

- Sees X-Ray Pulse Down to 0.002 μ R
- 1pSv to 10 mSv
- Wide Range: 0.1 mR/h to 1,000 R/h- Rate
- Dose Rate and Total Dose Read Out
- Lightweight 28 oz. (870 Grams)
- TBM Package
- Flat Response - Free Air Ion Chamber
- Sees Below 2 Kev Gamma or X-Ray
- Sees Alpha, Beta, Gamma, X-Ray
- Correct Range for ANSI N42.33*

Application

Whenever a fast, sensitive ion chamber instrument is needed, the TBM-IC-HLS is the latest in a series. The TBM-IC- HLS ion chambers are lighter. Stable, essentially drift- free electrometer technology.

Description

The TBM-IC-HLS consists of a 3.7" dia x 6" long air ion chamber coupled to a stable solid state MOSFET input electrometer with built-in A to D converter to read out in two ranges directly in mR/hr or optional μ Sv/h Dose Rate.

- Integrated Dose reads in total R or optional total Sv.
- The Ion Chamber has 180 mg/cm² graphite lined methacrylate walls giving accurate "air equivalence".
- A thin (0.5 mg/cm²) Mylar window allows high sensitivity readings for Alpha and for low energy Beta such as C14.
- X-ray sensitivity is down to 2 KeV as well as higher energy Betas and Gammas.



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