

ALL GAMMA INCLUDING LOW RANGE & X-RAY PORTABLE ION CHAMBER

包括低能在内的全部 γ 和X-ray

便携电离室

Model ~ TBM-IC-LR

FEATURES:•特点

- MEASURES DOWN TO BACKGROUND
- 测量低到本底
- MEASURES ALL GAMMAS INCLUDING LOW ENERGY GAMMAS AND X-RAYS
- 测量所有伽马包括低能伽马和X射线
- SEES AXIALLY BELOW 5 KEV GAMMA OR X-RAY
- 同轴可见5KEV以下 γ 或X
- SEES ALPHA, BETA, GAMMA, X-RAY
- 可见 α , β , γ , X
- DIGITAL READOUT:
- 数字读数
- 8 digit-rate, 8 digits integrate
- 8位计数率, 8位总计数
- WIDE RANGE: 0.01 mR/hr to 1 R/hr
- 宽量程: 0.01 mR/hr to 1 R/hr
- DOSE RATE & TOTAL DOSE READ OUT
- 剂量率和总剂量读数
- LIGHTWEIGHT.
- 轻量
- TBM PACKAGE
- TBM组件
- FLAT RESPONSE - FREE AIR ION CHAMBER
- 平坦响应-自由空气电离室
- FAST RESPONSE
- 快速响应



**TECHNICAL ASSOCIATES
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Divisions of



US NUCLEAR CORP

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APPLICATION: 应用

A fast, sensitive portable ion chamber for ALL Gammas including Low Energy Gammas and X-Rays.
The TBM-IC-LR is based on stable, essentially drift-free electrometer technology.

此快速灵敏便携仪器测量包括低能伽马在内的所有伽马和X射线。

TBM-IC-LR使用稳定的基本无漂移静电计技术。

DESCRIPTION: 描述

- A 5" dia x 7.5" long air ion chamber is coupled to a stable solid state MOSFET input electrometer.
- 直径5"x 长7.5"空气电离室耦合到稳定固态MOSFET输入静电计中
- The built in A to D converter reads out directly in mR/h or mR.
- 内置A-D转化器直接读出mR/h或mR.
- Rate Range is 0.01 mR/h to 1 R/h in a single range.
- 单量程剂量率范围0.01 mR/h - 1 R/h
- Dose Range is 0.05 μ R – 100,000 μ R in a single range.
- 单量程总剂量0.05 μ R – 100,000 μ R
- 430 mg/cm² graphite lined methacrylate walls provides for accurate "air equivalent" response.
- 430 mg/cm² 厚甲基丙烯酸酯壁，石墨里衬，提供精确“空气当量”响应
- Thin (0.5 mg/cm²) Mylar window allows high sensitivity readings for:
- 薄 (0.5 mg/cm²) 迈拉窗允许高精度读数：
 - Alpha & Low Energy Betas such as C¹⁴
 - α & 低能 β 如 C¹⁴
 - Low Energy Gammas & X-Rays
 - 低能伽马 & X射线
 - Higher Energy Betas & Gammas
 - 高能 β 和 γ

SPECIFICATIONS: 规格

Detector: Free Air ion chamber 5" dia x 7.5" long. Internal volume 2 liters.
探测器: 自由空气电离室直径5" x 长7.5"，内容积2升



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Wall & Cap:	Methacrylate, graphite lined 430 mg/cm ² walls and 540 mg/cm ² cap.
壁和帽:	厚度430 mg/cm ² 甲基丙烯酸酯室壁, 石墨里衬, 540 mg/cm ² 帽
Window:	4" dia. x 0.5 mg/cm ² Mylar.
窗:	直径4". x 0.5 mg/cm ² 迈拉窗
Readout:	LCD 8 digits.
读数:	LCD 8位读数
Indicator Lamp:	Green LED 100 pulses/sec per mR/h. Red Over-range Indicator.
指示灯:	绿色LED 每mR/h 100次/秒, 红色过量程指示
Range:	Rate 8 digit 0.01 mR/h to 1 R/h in a single range. Integrate 8 digits 0.05 μ R – 100,000 μ R in a single range.
量程:	单量程剂量率8位数显示0.01 mR/h - 1 R/h 总剂量单量程8位数显示0.05 μ R – 100,000 μ R
Electrometer:	Solid State MOSFET input.
静电计:	固体MOSFET输出
Electronics:	A-D converter LCD drivers.
电子学	A-D转换器LCD驱动
Batteries:	20 ea. (Button) NEDA CR-1220 - shelf life 7 years. 6 ea. (AA) NEDA 15A - 1000hr.
电池:	20节(纽扣式)NEDA CR-1220-货架期7年

WEIGHT & DIMENSIONS: 重量&尺寸

Dimensions:	14" L x 9" H x 5.8" W including handle.
尺寸:	含把手14" 长x 9" 高 x 5.8" 宽
Weight:	2.2 kg. complete with batteries.
重量:	2.2千克, 带电池
OPTIONS:	Readout in SI units: μ Sv and μ Sv/h.
选购:	读出国际单位: μ Sv 和 μ Sv/h.



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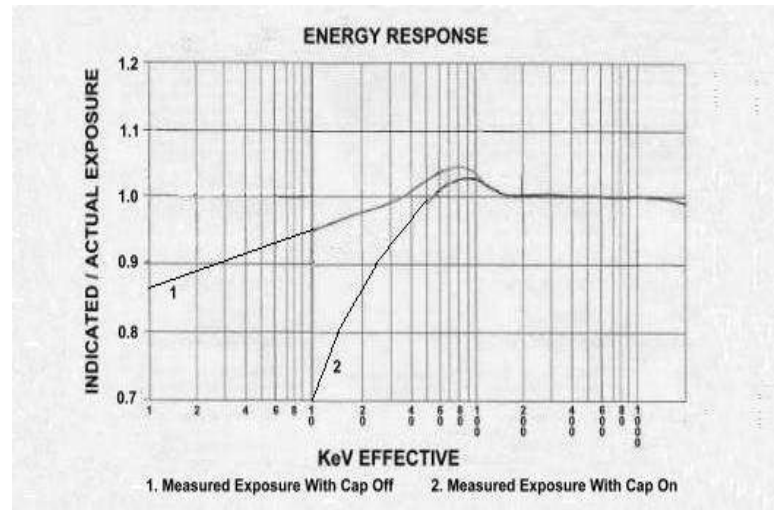
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