

FRISKER 嗅探器

Model ~ TBM-15

FEATURES: 特点

- DETECTS ALL BETAS INCLUDING C-14, S-35, NOT TRITIUM
检测所有除了氚以外的 β ，包括C-14，S-35.
- 3 RANGES: 0-500, 0-5000, 0-50,000 cpm
0-15, 1.5, 15 mR/hr
3量程:
- MEASURES BACKGROUND EASILY
容易测量本底
- MEASURES ALPHA, BETA, GAMMA
测量 α ， β ， γ
- ANTI SATURATION CIRCUIT
防饱和电路
- LIGHT WEIGHT; ACCURATE
轻量，精准
- UPPER RANGE TO 15 mR/hr
上限达 15 mR/hr
- ONE HANDED SURFACE MONITORING
单手操作表面监测设备
- DETACHABLE 2" PANCAKE PROBE WITH MOUNTING BRACKET ON BOTTOM OF CASE
可拆卸2"扁平管探头，底座安装支架
- IP64
- CE MARK



TBM-15 WITH GM PROBE

DESCRIPTION: 描述

The TBM-15 is a Frisker with an External GM Detector. .

TBM-15是一款嗅探器，外置GM探头

- Surface Monitor
表面监测器
- Easy to Read
易读数
- P-15 GM Frisker Probe
P-15 GM 探头



TECHNICAL ASSOCIATES
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Divisions of



US NUCLEAR CORP

FRISKER 嗅探器

Model ~ TBM-15

- Analog Read-Out
模拟读数
- Lightweight
轻量
- Built-In Probe Holder – tongue and groove probe holder on bottom of instrument case
内置探头支架-仪器外箱底部带沟槽式探头托
- Compact in Sturdy Aluminum Case
结实小巧铝外壳
- Anti-Saturation Feature.
防饱和功能

SPECIFICATIONS:

规格

DISPLAY:

显示

3 Ranges:

0-15, 1.5, 15 mR/hr (Thin Window 2" dia. **P-15 External Probe**)

3量程:

0-15, 1.5, 15 mR/hr, P-15 外置探头, 2"薄窗

Indicator:

2.5" Analog Meter indication,
Red LED flashes once for each count of the detector.

指示器:

2.5"模拟显示, 每个计数红色LED闪烁一次

Switch Positions:

Rotary switch: OFF, x 1K, x 100, x 10, x 1

开关位置:

旋转开关:

Battery Test Switch:

Push button.

电池测试开关:

按钮

Audio:

Piezoelectric - 103 Db at 1 ft. with volume control.

音响:

1英尺处压电音-103分贝, 音量控制

Detectors:

探头:

EXTERNAL DETECTOR:

2" dia. T-1190 pancake GM with thin end window (1.5 – 2mg/cm²)
Alpha, Beta, Gamma probe on one meter; detachable cord.
Sees all Betas except Tritium this includes C-14 and S-35.
[See T-1190 Chart of details.](#)

外置:

直径2" T-1190扁平GM管, 终端薄窗, α , β , γ 探头一米长可断开信号线
可见不包括氚以外的所有 β , 包括C-14 和 S-35

Window Diameter:

1 3/4"; 4.5 cm. Area 16 cm² 窗直径

Window Thickness:

1.5 mg/cm² 窗厚度

Quench Gas:

Halogen for long life. 淬灭气体: 长寿卤素



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- Background:** Typical 50 cpm. Thin profile of tube (13mm) gives low background.
本底: 典型50个计数每分钟, 薄管给出低本底
- Window Transmission:** 100% for all Betas & Alphas with sufficient energy to penetrate thin window.
窗穿透性: 对于穿透薄窗的足够大大能量的全部 β 和 α 测量大百分比
- Anti-Saturation:** Instrument will not fall below full scale in high fields.
Tested to 100 times highest reading.
防饱和电路: 在高辐射场下仪器不会滑出量程。
- Meter:** Rugged meter with recessed lexan face & jeweled movement.
显示: 内凹显示屏结实, 光洁
- Probe Holder:** Unique tongue & groove probe holder allows for one or two handed monitoring.
探头托: 独特的沟槽探头托允许单手或双手操作
- Power:** (1) 9 Volt Battery
电源: 9V电池一块
- Calibration:** Single master calibration pot as well as individual cal pots for each scale.
标定: 单主标定电位计加每个量程单独电位计
- WEIGHT & DIMENSIONS:** 重量与体积
- Dimensions:** 3" x 5.25" x 2.25" (7.6 x 13.3 x 5.7 cm) excluding handle.
尺寸: 不含把手3" x 5.25" x 2.25" (7.6 x 13.3 x 5.7 cm)
- Weight:** 1.75 lbs.; 28 oz. (800g)
重量:
- OPTIONAL:** 选项:
- Other units on meter readout such as SI, Sv/h, CPM, or cps.
其它单位如SI, Sv/h, CPM, 或cps
 - Dual scale - mR/hr and cpm.
双计量- mR/hr 和 cpm
- Available Accessories Include:** 配件包括
- Check Source & Holder. 检测源&托架
 - Shoulder Strap. 肩带
 - Pelican Carrying Case. 提箱
 - Other External GM or Scintillation Probes. 其它外置GM或闪烁探头



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