

DIGITAL CONTAMINATION MONITOR

数字污染监测器

Model - TBM-3SR-D

FEATURES: 特点

- ALPHA, BETA, GAMMA
 α β γ
- DIGITAL DISPLAY
数字显示
- LIGHT WEIGHT
轻量
- RUGGED
结实
- ONE HAND OPERATION
单手操作
- BUILT-IN SPEAKER
内置扬声器
- LARGE 2" (15 cm²) PANCAKE DETECTOR
大探测面2" (15 cm²)扁平管探头
- BETA SHIELD WINDOW
 β 屏蔽窗
- ANTI-SATURATION CIRCUIT
抗饱和电路
 - OPTIONAL – ALARM – Audio & Visual
选择-报警-声光
 - OPTIONAL – SERIAL PORT
可选项-串口传输
 - IP64
防护等级
 - CE Mark
CE认证



CE



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

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Divisions of



US NUCLEAR CORP

DIGITAL CONTAMINATION MONITOR

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APPLICATION: 应用

Model - TBM-3SR-D

Its small size, light weight, one hand operation, and large detector area make this a very useful monitor for surveying bench tops or checking hands and clothes for almost any radioactive contamination.

小巧、轻量、单手操作及大探测面使得这款探测器非常适合探测桌面、检测手和衣物上的任何辐射污染物。

Excellent for Fire Department, Ambulance, Police, First Responders and U.S Custom Personnel use for surveying people, cars, luggage, surface of room, etc...

非常适合消防部门，救护，警用，应急人员及美国海关人员用于检测人员，车辆，行李，房间表面等等。

DESCRIPTION: 描述

- Small Digital Ratemeter
小巧数字计量仪
- Built in 2" diameter pancake tube and speaker.
内置直径2"扁平管和扬声器
- Reads out in mR/hr (or counts per minute).
读数mR/hr (或每分钟计数)
- Thin window recessed and protected by sturdy grill.
内凹式薄窗带格栅保护
- Sliding methacrylate Beta shield for additional protection for thin GM tube window.
滑动式亚克力β屏蔽作为薄GM窗的额外保护
- Alpha, Beta and Gamma radiation.
α β 和 γ 辐射
- Anti-saturation circuit will not fall below full scale in high fields
抗饱和电路在高辐射场下不会滑出量程
- Tested to 100R/h.,
测到100R/h

EXPERTS RECOMMEND TBM-3SR-D FOR FIRE DEPARTMENT USE ON EVERY FIRE ENGINE

专家推荐消防部门每辆消防车上配备TBM-3SR-D

SPECIFICATIONS:

规格

Digital Display:

Large 6 digit LCD

数字显示:

大屏6位数LCD

Ranges:

0.01 to 100.00 mR/hr.

量程:

Display:

8 Digit LCD Digital Dose Rate and Integrated Modes

Eliminates the need for a Range Switch, and Auto Range



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显示:	8位LCD数字剂量率和综合计数模式, 无需量程转换和自动量程。
Switch Positions:	On/Off Toggle
开关位置:	On/Off棒式开关
Battery Test Switch:	Toggle
电池测试:	棒式开关
Detector:	T-1190 "pancake GM tube"
探测器:	T-1190扁平GM管
Diameter:	2 inches (5cm).
直径:	2英寸
Window Diameter:	1-3/4 inches (4.5cm)
窗直径:	
Window Thickness:	1.5 mg/cm ²
窗厚度:	
Quench Gas:	Halogen for long life.
冷激气:	长寿卤素
Background:	Typical <50 cpm. Thin Profile of tube (13mm) gives low background.
本底:	典型<50 cpm, 薄管(13mm)保证低本底
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).
效率:	所有能穿过薄窗的β和γ, 伽马灵敏度3,500 cpm/mR/h (参考Cs137).
Operating Temp:	-35° C to 75° C
操作温度:	
Dimensions:	3" Wide x 5-3/8" Long x 3-1/2" High. Excluding knobs and handle. (7.6 cm x 13.6 cm x 8.9 cm)
尺寸:	不含把手7.6 cm x 13.6 cm x 8.9 cm
Beta Shield:	Methacrylate 0.125", 3.1mm.
β屏蔽:	亚克力0.125", 3.1mm
Calibration:	Digital calibration of both dose and dose rate from front panel or optionally by computer with serial option.
标定:	对剂量和剂量率进行前板数字标定, 或者选择用电脑标定
Battery:	(6) AA cells – Easy change, snap-in battery holder
电池:	6节AA电池-容易更换, 嵌入式电池托
Battery Life:	Approximately 100 hours in normal use
电池寿命:	正常使用100小时
Weight:	1 lb 10oz. (737 grams)
重量:	



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OPTIONAL

选项

- Detachable Handle TBM-3SR(DL)
分离式手柄TBM-3SR(DL)
- Lighted LCD Display.
LCD显示
- LED and audio alarm
LED和声音报警
- 2-way Serial port
2路串口
- Fully stable Audio Alarm
全稳定声音报警

FIRE FIGHTERS: TBM-3SR-D is available with count options:

消防员用：TBM-3SR-D可选择：

- mR/hour Scale 单位mR/hour

OR或

- single Counts Per Second Scale 每秒计数



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