

HIGH RANGE TRITIUM WIPE TEST COUNTER

高量程氚擦拭型计数器

Model ~ CURIE – H3-5

Model ~ CURIE – H3-8

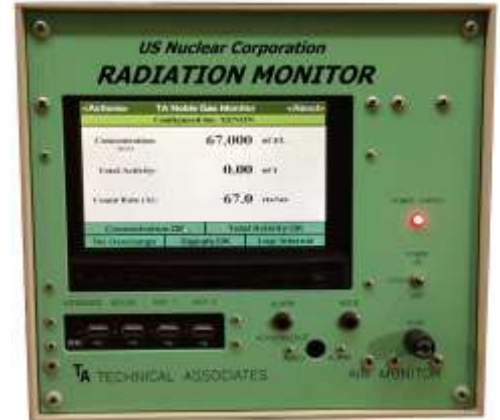
FEATURES: 产品特点

**NO COUNTING GAS OR LSC COCKTAIL REQUIRED
~DOES NOT GENERATE WASTE~**

无需计数气体或液闪

~不产生废物~

- EXCEPTIONAL WIDE RANGE WIPE COUNTER
- 极宽量程擦拭计数器
 - 5 DECADE – STANDARD
 - 5 个数量级-标准型
 - 8 DECADE – OPTIONAL
 - 8 个数量级-可选择
- HIGH END TO 1 CURIE OR ABOVE
- 上限到 1 居或更高
- ION CHAMBER OPERATION
- 电离室探测
- SMART ELECTRONICS & COLOR MONITOR
- 智能电子学&彩色显示屏
- 1" DIAMETER SAMPLE CAPACITY
- 直径 1"样品容量
- SELECTABLE ALARM
- 选择性报警
- WINDOWLESS – STANDARD
- 无窗-标准型
- USB OUTPUT / ETHERNET
- USB 接口/以太网
- USER SETTABLE MEASUREMENT UNITS
- 用户设定测量单位



FM-9 SMART ELECTRONICS



CURIE-H3-5 & CURIE-H3-8
SAMPLE COUNTER

APPLICATION:

- Model CURIE-H3-5 & CURIE-H3-8 Wipe Test Systems designed for low energy HIGH activity counting.
- Model CURIE-H3-5 & CURIE-H3-8 擦拭测试系统为低能高活度计数设计
- It is ideal for applications in fusion research or in Tritium production and use.
- 理想用于聚变研究或氚生产与使用
- The instrument includes planchettes, a sample drawer which accepts samples up to 1" in diameter.
- 仪器包括接受直径1"的样品抽屉



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高量程氚擦拭型计数器

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Model ~ CURIE – H3-8

- This instrument is designed for ease of maintenance.
- 仪器设计易于维护

DESCRIPTION: 描述

Model CURIE-H3-5 & CURIE-H3-8 SYSTEMS

Include:

系统描述如下:

- Sample Drawer
- 样品抽屉
- FM-9 Smart Electronics
- FM-9智能电子学
- Electrometer Preamp
- 静电计放大器
- Power Supplies
- 电源
- Ion Chamber Detector
- 电离室探测器
- All Cables
- 全部数据线
- Presetable Alarm With Relay
- 继电器预设报警
- Manual & Preset Count Time Or Rate Mode
- 手动&预设计数时间或计数率模式
- On-Screen Rate Or Scaler Read-Out
- 屏显计数率

- No Liquids, No Hoses, No Waste
- 无液体, 无管路, 无废物
- **OPTIONAL:** Lead shield around detector to reduce background
- **选择:** 探头周围铅屏减少本底影响

**UNIQUE ION CHAMBER SAMPLE COUNTER
PROVIDES HIGH RANGE TRITIUM
MEASUREMENT & ELIMINATES THE NEED
FOR A PRESSURIZED GAS SUPPLY OR
LSC COCKTAIL.**

**独特电离室样品计数器提供高量程测量
无需高压气体或液体闪烁体**



**CURIE-H3-5 & CURIE-H3-8
ION CHAMBER DETECTOR**

SPECIFICATIONS:

规格

SAMPLE:	样品
Sample Size:	1" (26mm) Diameter, Depth to 1/4" (6mm).
样品大小:	直径1" (26mm), 深1/4" (6mm).
Sample Holder Size:	Will hold Planchet Size 20-25mm
样品装置尺寸:	容下尺寸为20-25mm圆片
Detector:	Free Air Ion Chamber 3" diameter
探头:	自由空气电离室直径3"
Detector Wall:	Nickel Plated Aluminum for Excellent Charge Collection
探测器壁:	镀镍铝以达到最佳电荷收集效果



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Window:	Removable Fine Mesh Stainless Steel Grill
窗:	可拆除细孔不锈钢格栅
DISPLAY:	显示
Display Units:	User Settable: Femto amps, μ Ci, mCi, Curie, megaBq,
显示单位:	用户设定: Femto amps, μ Ci, mCi, Curie, megaBq,
NOMINAL DISPLAY RANGE:	标出显示量程
CURIE-H3-5:	0.1 – 10,000 milliCuries (10 Curies)
CURIE-H3-8:	0.5 μ Ci – 10 Curies
Readout:	7" Color Monitor.
读数:	7英寸彩屏
Electrometer:	Solid State MOSFET input.
静电计:	固态MOSFET输入
Electronics:	A-D converter
电子学:	A-D转换器
Power Requirements:	115V 50-60 Hz (Optional: 230V 50 or 60 Hz).
电源要求:	
WEIGHT & DIMENSIONS:	重量和尺寸
Electronics:	21"W x 12"H x 16"D
电子学:	
Electronics:	20 lbs
电子学:	
Detector, Drawer:	18"W x 15"H x 12"D
探测器, 抽屉:	
Detector, Drawer:	12 lbs Without Lead Shield
探测器, 抽屉:	12磅, 不含铅屏
Interface:	USB / Ethernet Output
接口:	
Warranty:	1 year
保修:	
Accessories:	Shipment includes all cables for standard operation.
配件:	包含所有缆线

OPTIONS: 选项

- Lead Shielding 铅屏
- Larger Sample Size Up to 2" Diameter 直径达 2"样品
- Chamber Voltage Up to 1000 Volts per inch 每英寸电离室电压达 1000V



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