

ALPHA & BETA/GAMMA HAND & SHOE MONITOR

α & β/γ 手&鞋监测器

Model ~ HSM-10G

FEATURES: 特点

- DETECTS ALPHA & BETA/GAMMA SEPARATELY & SIMULTANEOUSLY
单独&同时测量 α & β/γ
- FULL DYNAMIC BACKGROUND SUBTRACT
完全动态本底补偿
- COLOR MONITOR READ-OUT
彩色显示屏
- INDIVIDUAL ALPHA & BETA/GAMMA ALARMS
 α & β/γ 分别报警
- ALARM SETTINGS AS LOW AS BACKGROUND
报警设定可低至本底
- POSITIVE WARNING OF INCOMPLETE CHECK
未完成检测报警
- SHIELDED EASY DECONTAMINATION OF GAS FLOW DETECTORS
易去污带屏蔽流气式探测器
- SOLID STATE MODULAR ELECTRONICS
模块式电子学
- BUILT-IN COMPUTER
内置电脑
- DATA ARCHIVE & RETRIEVAL
数据存储与检索
- USB / ETHERNET PORTS
USB/以太网接口
- **IP41** 防护等级



- The HSM-10G monitors both Alpha and Beta/Gamma in each of three channels.
此仪器三个通道中均监测 α & β/γ
- Left foot, Right foot, and Hands (* see specs for other options).
左脚，右脚和双手（其它选择见产品规格书）
- Each channel has separate alarm level set switches for Alpha & for Beta/Gamma radiation.
每个通道可分别就 α & β/γ 辐射设定报警限
- Background is monitored continuously while the system is unoccupied.
系统闲置时本底持续被监测
- Background subtraction uses the most recent Beta/Gamma background count.
最新 β/γ 本底计数用于本底补偿



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- Time for the monitoring count is preset on a versatile digital timer with choices from 1 to 99 seconds in one second intervals.
使用数字计时器预设计数时间，1秒间隔内可选择1-99秒
- This preset time is also the background update time.
此预设时间也是本底更新时间
- The Beta/Gamma alarm switch for each channel sets the count above background needed within the preset time period to excite an alarm.
每个通道 β / γ 报警开关在预设时段内设定在本底以上。
- Alpha background is low (typically $\ll 10$ cpm) and may be neglected or counted by the HSM-10G and added to give best preset Alpha count.
低 α 本底（典型 $\ll 10$ cpm）可能被忽略或由HSM-10G计数以便给出最佳预设 α 计数。

SPECIFICATIONS: HSM-10G 参数规格

OPTIONS: Left Hand, Right Hand, Both Feet Or Left Foot, Right Foot, Both Hands.

选择: 左手, 右手, 双脚或左脚, 右脚, 双手

GAS FLOW PROPORTIONAL DETECTORS: 流气式正比探测器

Hand Detectors:	10-3/4" x 6-1/4" each side - 4 hand detectors.
手探测器:	每侧10-3/4" x 6-1/4"-4个手探头
Shoe Detectors:	16-1/4" x 6-1/4" each shoe - 2 shoe detectors.
鞋探测器:	每只鞋16-1/4" x 6-1/4"-2个鞋探头
Detector Construction:	Hinged mounting for easy access and decontamination.
探测器结构:	易于检修和去污
Shielding for Background Reduction:	0.5 mg/cm ² aluminized Mylar detector windows with protection screen 73% open area.
本底屏蔽:	0.5 mg/cm ² aluminized 迈拉窗带保护屏, 73%的开放面积
Optional Shielding:	$> 2 \pi$ shielding about detectors - steel 0.7" lead equivalent.
可选屏蔽:	探头周围大于或等于 2π 角-钢0.7英寸铅当量
3 Channels:	Left foot, Right Foot, Both Feet; Right Hand, Left Hand, Both Hands
3通道:	左脚, 右脚, 双脚; 右手, 左手, 双手。
Utility Scaler:	0 to 99,999 plus overflow with LED display. Options to switch to Left Shoe Alpha; Left Shoe Beta; Right Shoe Alpha; Right Shoe Beta; Hands Alpha; Hands Beta.
使用量程:	0 - 99,999及过量程LED显示
Channel Counting Time:	User Selectable from 1 second to 99 seconds in 1 second increments.
通道计数时间:	每秒递增用户设定1-99秒
Background Update Interval:	Background updates automatically whenever unit is not occupied.



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本底更新时段:	Background update interval same as channel counting time. 系统闲置时本底自动更新, 本底更新时段与通道计数时间相同
ALARMS:	报警
Background:	Sonalert plus front panel light indicators. Adjustable in 10 steps - 100 counts to 1,000 counts. 蜂鸣音加前板灯光指示, 可调节10转-100到1000个计数 (indicates malfunction) - front panel light indicator (factory set). (表明故障) -前板指示灯 (工厂设定)
本底:	
Low Level Alarm:	Sonalert plus front panel light indicators. Selectable in 1 count increments: Alpha - 0 to 99 counts; Beta-Gamma - 0 to 999 counts. 蜂鸣音加前板指示灯, 每秒递增, 可选择 α -0-99个计数, β - γ -0-999计数
下限报警:	
Channel Alarms:	Sonalert plus front panel light indicators. Selectable in 1 count increments: Alpha - 0 to 99 counts; Beta-Gamma - 0 to 999 counts. 蜂鸣音加前板指示灯, 每秒递增, 可选择 α -0-99个计数, β - γ -0-999计数
通道报警:	
Check Incomplete:	Sonalert plus projector warning. 蜂鸣音加报警
检查未完成:	
Projector Warning System:	Front panel screen 3-1/2" x 2-3/4" 前板屏幕3-1/2" x 2-3/4"
屏显警告系统:	
Display Messages - only one message displayed at one time.	
显示信息-一次只显示一个信息	
	<ul style="list-style-type: none">Contamination (location of contamination channels and whether Alpha or Beta contamination also displayed). 污染 (污染通道位置并显示 α 或 β 污染)Counter In Operation 计数器运行中Check Incomplete - Reset and Repeat 检查未完成-重设和重复
Front Panel Indicators:	Message Projection, High Background Alarm Light, Low Level Alarm Light, Power-On Light 信息显示, 高本底报警灯, 低限报警灯, 电源灯
前板指示:	
Use Count Register:	(Audit instrument use) - 0 to 99,999 (Optional)
使用计数录入器	
Power Source:	115 VAC, 60 hz (200-240 V, 50-60 hz optional)
WEIGHT & DIMENSIONS: 重量和尺寸	
Dimensions:	Cabinet: 67-3/4" high x 27-1/2" wide x 24" deep. Shoe Deck: 23" long x 18" wide x 4-1/2" high.
尺寸:	机柜67-3/4" 高 x 27-1/2" 宽 x 24" 深
Shipping Weight:	650 lbs.
发货重量:	



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