

AC-DC Radiation Monitor

AC-DC 辐射监测器

Model LAM-10

FEATURES:特点

- VERSATILE 多用途
- AC OR BATTERY 交流电或电池供电
- 5 LOG DECADES 5 对数级
- RECORDER OUTPUT 记录仪输出
- LARGE, EASY TO READ METER 容易读数大显示器
- SETTABLE ALARM - BEEPER FLASHER 可设定警报—蜂鸣器 闪烁灯



DESCRIPTION:

The LAM rate-meters are rugged and easy to use for laboratory or field application. Operated by AC mains or by batteries. Batteries are automatically disconnected when LAM is plugged into the line. These instruments can be used with all the standard Technical Associates P and P-S series probes, Geiger and scintillation. They provide versatility and dependability at low cost. They find frequent use as lab monitors or as area monitors and are also suitable for survey or contamination work.

描述：LAM 率表结实耐用，容易用于实验室或现场使用。AC 电源或电池供电。当 LAM 连接到电源线是电池自动断开。这些仪器可以和标准 TA 公司的 P 和 P-S 系列探头、盖革探头和闪烁探头配用。此仪器低成本具有用途广和可靠性，经常用作实验室监测器或区域监测器，也适用于调查和处理污染工作。

SPECIFICATIONS:规格

Ranges: Choose any probe below or any TA or compatible probe:

范围：选择以下任何探头或任何 TA 或兼容探头

TA

TECHNICAL ASSOCIATES

7051 ETON AVENUE * CANOGA PARK, CA 91303 TELEPHONE (818) 883-7043 * FAX(818) 883-6103

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PROBE 探头	DESCRIPTION 描述	RANGE 量程						UNITS 单位
ALL PROBES 所有探头		0.1	-1	-10	-100	-1,000	-10,000	cpm
GM GM								
P-15 P-15	2" Pancake		.02	.2	2	20	200	mR/h
P-6LB P-6LB	1" Spot Detector	0.01	.1	1	10	100	1,000	mR/h
SCINTILLATION 闪烁体	Nal(Tl) and BGO							
PGS-3T			.01	.1	1	10	10	mR/h
PGS-3I			.03	.3	3	30	30	mR/h
BGS-2505			.01	.1	1	10	10	mR/h

Available Options Include:

可选购包括:

Read-out units and range per customer requirements; mR/h, Sv/h, microCuries/ml, etc. Computer interface; RS-232 etc. or complete data logging and acquisition systems.

读出单位和每位客户要求范围: mR/h, Sv/h, microCuries/ml 等等, 计算机接口, RS-232 等或完整数据录入和收集系统。

Meter Scale: Length = 4.5 inches marked 0.1 - 10⁴ cps and 0 - 1500 Volts "Battery Okay" segment.
仪表标度 Other meter scale markings are available.

长度=4.5 英寸标出 0.1 - 10⁴ cps, 0 - 1500 伏电压, "电池正常"
提供其它仪表刻度。

mR/hr Card: Transparent meter overlays for mR range matched to probes: optional.

mR/hr 卡: 透明刻度器叠加以读出相匹配探头 mR 量程: 选购

Controls: Front Panel: Alarm set pot and Alarm reset button.

控制: 前板: 报警设定和报警重置按钮

Selector Switch: OFF, Battery test, HV display, Alarm Point Display, Counts with sound, Counts no sound.

关闭, 电池测试, HV 显示, 报警点显示, 有声音计数, 无声计数

Recessed or Internal: Discriminator level, high voltage. Other adjustable settings: See calibration.

内置或内部 鉴别器水平, 高压。其它调整设定: 见校正

Detectors: Any GM (such as P-7, P-15, P-6LB, etc.) or alpha, beta, gamma or neutron scintillator (as PAS-8, PAS-9, PGS-3, PNS-19, etc.) of P or P-S series.

探头 任何 GM (如 P-7, P-15, P-6LB 等) 或者 P 及 P-S 系列中的 α - β - γ 或中子闪烁器 (如 PAS-8, PAS-9, PGS-3, PNS-19 等)

Probe Holder: Probe Holder is provided for probe purchased.

探头卡托 购买探头提供探头卡托

Input Sensitivity: Adjustable from less than 1 millivolt to 100 millivolt

输入灵敏度 可调整从小于 1 毫伏到 100 毫伏

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Anti-saturation and

Dead-time Corrections: Differentiation circuit and “5 point” calibration pots provide highly effective compensation for coincidence loss. This also allows all five decades to read accurately with GM detectors.
防饱和和失效时间校正 微分电路和“5点”校正分压计提供高效符合损失补偿，也允许全部5数级精确读出GM探头读数

Calibration: Calibration pot for each decade.
校正 校正分压计进行每个数级校正

Speaker: Audible sonalert.
扬声器 音频发声器

Alarm: 2000 Hz intermittent tone + flasher, plus solid state, non-contacting relay. 0-100% of full scale. Jumper selects alarm to be in LATCHING, NON-LATCHING or ACKNOWLEDGE mode.
报警 2000Hz 间歇音+闪灯，加固态非接触继电器。0-100% 满程，跳线插头选择报警模式为 LATCHING（卡锁），NON-LATCHING（非卡锁）或 ACKNOWLEDGE（确认）

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Recorder Output: 0-1 Volt DC full scale.
输出信号记录器 0-1V DC 满程

Pulse Output: Internal 1 volt positive. Other outputs and interfaces are optional.
脉冲输出 内部1伏正电压，可选购其它输出和接口

Batteries: Two 9 volt transistor batteries. EverReady 1222 or equivalent. Over 200 hours typical life.
电池 2块9伏晶体管电池。永备1222或其它等效电池，超过200小时标准寿命

Power: 105-125 volts, 50-60 Hz (220 V optional)
电源 105-125 伏，50-60 Hz (可选购 220 V)

Construction: NEMA-4X gasket-ed polycarbonate case: rugged and splash-proof.
结构 NEMA-4X 密封的聚碳酸酯外壳，结实 防溅型

Weight: 3 lbs. (1.4kg) including batteries and hardware, but excluding probe.
重量 3磅(1.4kg)，包括电池和硬件，但不包括探头

Dimensions: 9”W x 5.5”H x 4”D (23cm x 14cm x 10.5cm) excluding handle, probe holder, feet, knobs.
尺寸： 9”宽 x 5.5”高 x 4”深 (23cm x 14cm x 10.5cm),不包括把手，探头卡托，脚和旋钮。

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