

AC-DC Radiation Monitor

Model LAM-10L

FEATURES:

- 4 LINEAR RANGES
- VERSATILE
- RECORDER OUTPUT
- LARGE, EASY TO READ ANALOG METER
- SETTABLE ALARM – BEEPER & FLASHER
- OPTIONAL – 5 DECADE LOG SCAL (LAM-10)



LAM-10L

DESCRIPTION:

The LAM rate-meters are rugged, versatile and easy to use for laboratory, power plant, industrial or field application.

- Operated by AC or batteries. Batteries are automatically disconnected when LAM is plugged into the line.
- Use with all the standard Technical Associates P and P-S series probes, Geiger and scintillation.
- Frequently used as lab monitors or as area monitors.
- Suitable for survey or contamination work.

SPECIFICATIONS:

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

PROBE	DESCRIPTION	RANGE			UNITS
ALL PROBES		0- 500	50,000	500,000	cpm
GM					
P-15	2 " Pancake	0 -.2	20	200	mR/h
P-6LB	1" Spot Detector	0 -1	100	1,000	mR/h
SCINTILLATION	Nal(Tl) and BGO				
PGS-3T		0-.03	3	30	mR/h
PGS-3I		0-.01	1	10	mR/h
BGS-2505		0-.03	3	30	mR/h

Available Options Include:

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.

\$Revision: 1.3 \$



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

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SPECIFICATIONS: (Con'd)

Range Switch:	X 1,000; X 100; X 10; X 1
Selector Switch:	OFF, Battery Test, HV Display, Alarm Point Display, Counts with Sound, Counts - Sound Off
Recessed or Internal:	Discriminator level, high voltage. Other adjustable settings: See calibration.
Detectors:	Any GM (such as P-11, P-15, P-6LB, etc.) or Alpha, Beta, X-Ray, Gamma or Neutron scintillator (PBS-44, PAS-8, PAS-9, PGS-3, PNS-19, etc.) of P or P-S series.
Probe Connector:	Low-noise Teflon-insulated locking-bayonet BNC. Other connectors optional.
Probe Holder:	Probe Holder is provided for probe purchased.
Input Sensitivity:	Adjustable from less than 1 millivolt to 100 millivolt
Calibration:	Calibration pot for each decade.
Speaker:	Audible sonalert.
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.
Recorder Output:	0-1 Volt DC full scale.
Pulse Output:	Internal 1 volt positive. Other outputs and interfaces are optional.
Batteries:	Two 9 volt batteries. Over 200 hours typical life.
Power:	105-125 volts, 50-60 Hz (220 V optional)
Construction:	NEMA-4X gasket-ed polycarbonate case: rugged and splash-proof.
Weight:	3 lbs. (1.4kg) including batteries and hardware, but excluding probe.
Dimensions:	9" W x 5.5" H x 4" D (23cm x 14cm x 10.5cm) excluding handle, probe holder, feet, knobs.



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