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)

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:

<table>
<thead>
<tr>
<th>PROBE</th>
<th>DESCRIPTION</th>
<th>RANGE</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL PROBES</td>
<td>0- 500</td>
<td>50,000</td>
<td>500,000</td>
</tr>
<tr>
<td>GM</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>P-15</td>
<td>2&quot; Pancake</td>
<td>0 -.2</td>
<td>20</td>
</tr>
<tr>
<td>P-6LB</td>
<td>1&quot; Spot Detector</td>
<td>0 -1</td>
<td>100</td>
</tr>
<tr>
<td>SCINTILLATION</td>
<td>Nal(Tl) and BGO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PGS-3T</td>
<td>0-.03</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td>PGS-3I</td>
<td>0-.01</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>BGS-2505</td>
<td>0-.03</td>
<td>3</td>
<td>30</td>
</tr>
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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.
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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 ACKNOWL-EDGE 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)
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.