

Portable Iodine Monitor

Model – FR-PIB – Total Airborne Activity

Model – FR-P11 and FR-P11-Pb

Specifications

Electronics – LAM-10-D (PIB):

Digital Display:	Length = 6 digit rate, 8 digit integrate Other meter scale markings are available.
Display Modes:	Rate, Integrate.
Engineering Units:	User Settable: input correct conversion factor, change units.
Front Panel Controls:	On-Off, Alarm-mute, Rate, Integrate, Reset.
Recessed or Internal:	Discriminator level, high voltage, alarm set.
Other Adjustable Settings:	See calibration.
Input Sensitivity:	Adjustable from less than 1 millivolt to 100 millivolt
Anti-Saturation & Dead-time Corrections:	Differentiation circuit provides highly effective compensation for coincidence loss. This allows all five decades to accurately read with scintillation detectors.
Calibration:	User settable calibration factor
User Settable Alarm:	2000 Hz audio tone with audio “mute” switch + RED LIGHT, high current relay. Optional: 3 lights – Red, Yellow, Green
Computer Interface:	Two-way RS-232 standard, Optional: RS-485
Ethernet Pulse Output:	Internal 1 volt positive. Optional: Other outputs and interfaces.
Batteries:	5 amp-Hour Battery Pack with built-in charger.
Battery Life:	100 Hours in Non-Alarm Status 18 Hours in Alarm Status
Power:	115-125 volts, 50-60 Hz (220 V optional)
Environmental:	10° C to 60° C, RH: 50% - 95%
Construction:	NEMA-4X polycarbonate gasketed case: rugged and splash-proof with handle.
Dimensions:	10" W x 7" H x 4" D
Weight:	3 lbs. (1.4kg) including batteries and hardware.
Optional:	USB



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