

AM-801 Portable

Portable Portal Monitor



This Portable Portal monitor assembles simply in under five minutes. It comes with Voice Operational Commands, Full Color Touch Sensitive graphics panel, and Auto Cal for Maximum Sensitivity. The audible and visual alarms meet or exceed FEMA's sensitivity requirements of 1uCi or less Cs-137 detection.



- ✓ **Easy Assembly in Minutes**
- ✓ **Voice Operational Commands**
- ✓ **Full-color Touch Sensitive Graphics**

Setup	Approximately 10 Minutes - no tools required
Operating Modes and Data Entry	Walk through or timed counts, automatically measures and subtracts background, touch sensitive screen for all data entry
Audible Commands and Alarms	System is pre-programmed with commands that coincide with operations- commands can be custom configured
Readout	Full Color VGA touch sensitive screen-full color graphics
Sensitivity Processing Rates	Meets FEMA Sensitivity requirements for < 1uCi Cs-137 detection Approximately 500 persons/hr
Detectors	4 separate 36' L x 3' W x 1.5' D Plastic Scintillators
Person/Vehicle Sensor and Counter	Optical sensor automatically senses a person/vehicle when entering counting area- automatically counts and saves numbers of uses per programmed time
Range	0-100,000 cps
Printer/PC output	RS-232 (9-pin connector)
Range Adjustment	Auto ranging system automatically and continuously measures background until person/vehicle is sensed.
Diagnostics	Automatically monitors for a number of different conditions.
High Voltage	300-1500 vdc +- 1% regulation
Dimensions	Inside 84" tall x 36" wide - Outside 87" tall x 42" wide
Response Time	100 mSec
Drift	5%
Environmental	-20° F[-28° C]-140° F[60° C] 5-95% RH
Power	120-250 VAC - Battery backup nominal 18 hrs
Weight	75 lbs w/out case - 110 lbs w/case
Construction	Aluminum and Stainless Steel Housing
Vehicle Monitoring Kit	Includes all materials (w/shipping case) necessary to separate detectors a maximum of 10 ft to allow for monitoring of vehicles.

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Standard Product Warranty

At WB Johnson Instruments, we stand behind our products. We guarantee your satisfaction in the quality of our instruments by providing a complete one year warranty covering any defect of workmanship, material, and/or design. If our products do not perform, we will provide complete repair and/or replacement.

Calibration & Repair Services

The proper maintenance & calibration of your instruments is critical to ensure proper performance & accuracy. This is why every WB Johnson instrument is provided with a NIST Traceable Calibration Certificate with ISO 17025 Accredited Certification.

This high level calibration provides assurance that the instrument meets the most stringent industry calibration & traceability parameters, thereby giving you comfort in our instrument's accuracy and reliability when it matters most.