

AM-801

TRANSPORTABLE PORTAL RADIATION MONITOR



The AM 801 portable portal monitor is the only device of this type that assembles by stacking the sections. There is no cabling and no cable connections. It can easily be assembled in less than five minutes. It comes with Voice Operational Commands, Full Color Touch Sensitive graphics panel, Auto Cal for Maximum Sensitivity and easy to configure audible and visual alarms. It features Auto Background Subtraction for Maximum Sensitivity to meet or exceed FEMA's sensitivity requirements of less than 1uCi Cs-137 detection.

The AM-801 is the only portable walk-through monitor with voice commands, making the monitoring and decontamination process much easier for the technician and the public. This also the only device of this type to boast a full 36" (91 cm) as the standard interior pass-through width.



FEATURES

- Stack Sections to Assemble (no cables to hook up)
- Touch Screen Color Display
- Audible Commands/Prompts
- Automatic Background Subtract for Maximum Sensitivity
- 4 Modes of Operation

AVAILABLE MODELS

- AM-801-4 (180 cu in) per side
- AM-801-5T (180 cu in) per side plus 1 (108 cu in) in Top Section
- AM-801VHKS Vehicle Kit Adaptor

AM 801

SPECIFICATIONS

Assembly	Stack modules, no cables to plug in, <5 Minutes - no tools required
Sensitivity	<1uCi Cs-137 detection in "Walk Through" mode of operation
Detector	Plastic Scintillation
Display	256 color VGA touch sensitive screen with full color graphics
Operator Input Controls	Touch sensitive screen for all data entry and operator input
Operating Modes	Walk through, timed count, area monitor and drive through w/optional VH-1 Kit
Timed Count	1 – 30 seconds
Audible Commands and Alarms	Digitally recorded verbal commands for all major operating parameters. System is delivered with pre-recorded commands
High Voltage	Adjustable - 300 - 1300 VDC - Regulation $\pm 1\%$
Low Voltage	+5 VDC & -5 VDC Regulation $\pm 0.5\%$
Power	120/250 VAC – 50/60 Hz wall transformer 15 VDC 1 AMP or battery operation
Batteries	Nine (9) Alkaline D
Battery Life	12-14 hours nominal
Temperature Range	-4° to 140° F (-20° to 60° C)
Memory Retention	Ten (10) years
Humidity Range	5 - 95% non-condensing
Dimensions (outside)	41" W x 84" H (104 cm W x 214 cm H)
Dimensions (inside)	36" W x 81" H (91.5 cm W x 205.75 cm H)
Weight - Model AM-801-4	80 lb (36.5 kg)
Weight - Model AM-801-4 w/transport case	120 lb (54.5 kg)
Housing	16 Ga. Aluminum, gray, 2 part polyurethane enamel
Environmental	Can be used in inclement weather with no protective cover
Models	AM-801-4 – 2 (180 in ³) per side (40"x3"x1.5") AM-801-5 - 2 (180 in ³) per side plus 1 (108 in ³) in Top Section AM-801VHKS Vehicle Kit Adaptor (Optional)

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 two 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.

Display Module

