



Portable Personnel and Package Monitor

Model Series - QUICKSCAN-PPM

Model - QUICKSCAN-PPM-F and

Model - QUICKSCAN-PPM-L

Features

- Completely Portable
- Quick Set Up
- **Optional:** Video – Real-time Display and Capture
- **Optional:** Wireless Remote Notification – Phone, Email, Text, etc.
- High Sensitivity Due to Large Surface Area
- Detects Beta and Gamma Radiation
- Operates on Rechargeable Batteries or AC
- Can Alarm at 7 uR/hr Change in 1 Second
- (1) Plastic Scintillator:
 - **QUICKSCAN-PPM-F** - One 294 in³
 - **QUICKSCAN-PPM-I** - One 126 in³
- Dynamic Background Subtract
- Continuous Operation: "Set and Forget"
- Completely Weather Proof
- Data Download Via USB and Ethernet
- **IP66**

Applications

Designed for easy handling to covertly screen for radiation emissions from a person or from a package.

Scenario

In a crowd the QUICKSCAN-PPM Series makes covert screening possible with the handheld suitcase Model **QUICKSCAN-PPM-L** or with the roller case Model **QUICKSCAN-PPM-F**. The vibration alarm is felt in the handle and the visual alarm is a light next to the handle. Optional Video and wireless remote notification.

Description

- Portable control / alarm module plus one portable weather proof detector housings.
- Computer – built-in operating on same battery pack as detector
- Background is continually updated and subtracted thus giving net reading for person or package.
- Vibration and visual alarms.
- Optional Video recording and wireless remote notification.
- Standard set up handheld suitcase: **QUICKSCAN-PPM-L**.
- Standard set up roller case: **QUICKSCAN-PPM-F**.
- Operates on built-in rechargeable batteries or 110/220 AC.
- Model **QUICKSCAN-PPM** is a high sensitivity Beta/Gamma Monitoring system for determining possible radiation emissions on people and from packages on a non-pause basis.



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

7051 ETON AVENUE, CANOGA PARK, CA 91303

PHONE: 818-883-7043 | FAX: 818-883-6103

SALES@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM

DIVISIONS OF



USNUCLEARCORP

OTCQB-UCLC

Portable Personnel and Package Monitor

Model Series - QUICKSCAN-PPM | QUICKSCAN-PPM-F | QUICKSCAN-PPM-L

Specifications

- **Detectors QUICKSCAN-PPM-F** 1 ea. 21" x 7" x 2" premium Plastic Scintillator with a wide temperature range.
- **Detectors QUICKSCAN-PPM-L** 1 ea. 9" x 7" x 2" premium Plastic Scintillator with a wide temperature range.
- **Volume QUICKSCAN-PPM-F:** 294 in³ per detector.
- **Volume QUICKSCAN-PPM-L:** 126 in³ per detector.
- **Surface Area QUICKSCAN-PPM-F:** 147 in² per detector.
- **Surface Area QUICKSCAN-PPM-L:** 63 in² per detector.
- **Sensitivity:** Detects 1 uCi of Cs-137 anywhere within 30 inch radius of target 10 second count.
- **Range:** 1 uR/hr to 1 mR/hr.
- **Rate of Change Design:** Fast Alarming

Detector

- **Power Requirements:** Standard rechargeable batteries. Optional AC

Computer

- **Power Requirements:** Operates on built in rechargeable batteries for detector. Battery charger is included.
- **Alarm:** Vibrational and small flashing red light – User Settable

Portable Cases Include Detector and Electronics

Weather-tight NEMA rated tough, durable, lightweight.

A "tongue-in-groove" continuous "O"-ring system makes the case water, moisture, and dust tight, and a low profile pressure release valve.

QUICKSCAN-PPM-F: Wheeled with Extension Handle

QUICKSCAN-PPM-L: Hand Carry

- **Dimensions QUICKSCAN-PPM-F:** 16 ½ in wide x 37 in long x 6 in deep
- **Weight QUICKSCAN-PPM-F:** 32 lbs
- **Dimensions QUICKSCAN-PPM-L:** 14 in wide x 19 in long x 4 ½ in deep
- **Weight QUICKSCAN-PPM-L:** 15 lbs



**TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY**

7051 ETON AVENUE, CANOGA PARK, CA 91303
PHONE: 818-883-7043 | FAX: 818-883-6103

SALES@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM

DIVISIONS OF



USNUCLEARCORP

OTCQB-UCLC

Portable Personnel and Package Monitor

Model Series - QUICKSCAN-PPM | QUICKSCAN-PPM-F | QUICKSCAN-PPM-L

- Operating Temperature: 32° to 135° F (0° to 55° C) with Webcam
32° to 158° F (0° to 70° C) without Webcam
- Operating Humidity: 20% - 85% non-condensing with Webcam
5% - 90% non-condensing without Webcam
- Electronics: On / Off Switch, Low Battery, Loss of Signal.
- Background Compensation: Background is manually updated and continuously subtracted.
(User can set parameters.)
- Energy Range: Gamma: 40 KeV to 6 MeV. Beta: above 1 MeV,
- Communications: Built-in serial port and Ethernet Node.
- Set-Up: One touch set-up.

*Additional Options:

- Video - Streaming with still capture when sensor trips
- 220 V, 50-60 Hz.
- Specific detectors e.g. for Neutron or Beta emitters.
- Wireless Remote Notification – Phone, Email, Text, etc.



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

7051 ETON AVENUE, CANOGA PARK, CA 91303
PHONE: 818-883-7043 | FAX: 818-883-6103

SALES@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM

DIVISIONS OF



USNUCLEARCORP

OTCQB-UCLC