



AustralRAD

Personnel Portal/Mobile Monitor

AustralRAD Personnel Portal/Mobile Monitor can be quickly assembled anywhere.

Introduction

The AustralRAD Personnel Portal/Mobile Monitor has been specifically designed to meet FEMA standard Emergency Response requirements. The unit consists of two Beta and Gamma detectors which are enclosed within a tough, durable casing thus ensuring there is no need for additional weather proofing or protection. The unit works by performing a quick scan of the user once they are positioned between the two portal monitors. The unit then provides confirmation of contamination through both an audible and visual signal.

Features

- Detects **Beta** and **Gamma** Radiation
- Assembly in under **3 minutes**
- Ideal solution for airport terminals, railway stations, checkpoints etc.
- Includes **laptop** with custom designed **software**
- Power source 240V or 12V battery
- **No disassembly** required
- Optional chair and table



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"The detectors are mounted in wheels for easy transportation!"

Specifications

- **Detector type:** Plastic Beta and Gamma radiation
- **Detector size:** 130mm x 30mm x 30mm
- **Total weight:** 25kg each (2 Cases per unit)
- **Operation temp:** -20°C to 60°C
- **Auto B/ground calibration:** 0.1 MsV/h
- **Alarm:** Visual Red Light and Audible Signal (greater than 60 dB)
- **Walk through time:** Adjustable by laptop
- **Power source:** 240V or 12V
- **Battery operation time:** 8 hours continuous
- **Optional external battery operation time:** Up to 40 hours
- **Automatic shutdown**
- **Protective carry case size:**
(L) 1458mm x (W) 469mm x (D) 285mm
(x2 Cases per unit)
- **Energy Response:** 20 keV to 2.5 MeV
- **Accuracy:** 10% of full scale
- **Measurement Range:** Auto ranging



- **Measuring Units:**
(uR/hr, mR/hr, R/hr, nSv/hr, uSv/hr, mSv/hr, cps)
- **Dell Inspiron 15 Laptop**
 - Processor: Intel® Celeron® Dual Core N2830
 - Memory: 4GB Single Channel DDR3 1600MHz (4GBx1)
 - Hard Drive: 500 GB, 5400 rpm
 - Dimensions & Weight:
 - Screen: 15.6"
 - Dimensions: 24.8mm (front) / 25.3mm (rear) x 376mm x 259mm
 - Weight: 2.12 Kg
- **Application software**
- **Readout connections:** USB port facility through communicator base to Laptop to collect data sampling and logging reading of areas of interest.
- **Optional extras:** Mobile chair; Table.

Standard

CE: Mark ISO 13485 / ISO 9000/2008 / IP65&68 / ISO IEC 61526 DEF (AUST) 5168
Traceable to the Australian National Standard.

