

Austral-RAD Area Monitor

Area Gamma Monitor



Austral-Rad Area Monitor - Extremely accessible unit which in turn increases usage and user safety

The powerful in-built micro-controller belongs to the latest generation available today. Every Austral-Rad Area Monitor is calibrated by Gammasonics calibration lab traceable to Australian national standard.

Furthermore, the unit besides being an area monitor can be connected to a laptop or a PC. An additional software can also be installed on to a laptop or PC in which a program can be set to do a routine sampling of a designated area of interests.

Features

- › High sensitivity $\mu\text{Sv/h}$ measurements of rate, with the capability to record Alarms at two levels
- › Ergonomic design, with Alarm Annunciation mounted on top for visibility, with sounder
- › Programmable LCD display and audible alarm
- › Wall mount design with rechargeable batteries
- › Serial and Ethernet based communication capability
- › Available with various types of detectors

Optional features

- › Total dose measurement taken by the unit
- › WIRELESS module
- › Temperature if the user has an external probe, with version 3.0.0 or higher then the temperature will be displayed

Applications

- › International and domestic entry / departure
- › Luggage Carousel gates/ Border Control
- › Postal service / Freight terminal
- › Cyclotron
- › Nuclear Research Applications / laboratories
- › Research Reactors / Nuclear plants
- › Food Research
- › Defence/ National Security
- › Nuclear Medicine/ Radio pharmacy / PET
- › Environment Protection Authority - EPA
- › Mineral Sand industry / Uranium Industry
- › Scrap metal recycling plants
- › WHS/OH&S requirement
- › Radio Analysis and Radio Pharmacy
- › Biological Irradiation
- › Radiology
- › Radiation Contamination/ Protection
- › Radiation Survey