

RadEye Area Monitor

Area Monitor



Applications

- Nuclear Power
- Nuclear Process
- Industrial
- Personal/Worker Safety

RadEye Area Monitor

The RadEye Area Monitor is an application suitable for several different RadEye types. The following applications are possible:

- Gamma dose rate measurement (RadEye G)
- Highly sensitive alarm indication for radioactive gamma sources (RadEye PRD)
- Detection of neutron sources (RadEye NL)

The wall-mounted RadEye Area Monitor extends the application range to convenient and cost-effective gamma and neutron area monitoring. In case of exceeding a preset threshold, the system sets off an audible/optical alarm and the RadEye can be immediately used as a portable instrument.

- Area monitor and flexible handheld instrument in one
- No additional handheld instrument for locating the source is necessary
- In case of power failure the RadEye is still operational due to rechargeable batteries and built-in battery charger
- Simultaneous gamma and neutron monitoring with two RadEye Area Monitors



1. Alarm Indication

Acoustical and optical alarm is indicated by the RadEye Area Monitor and the optional external alarm indicator.

Horn and bright flash light can be acknowledged even if radiation level is still elevated.



2. No need for an additional portable instrument!

Authorized staff takes the RadEye out of the box.



3. Finding the radiation source

4. Re-insertion of the RadEye

The green light of the external indicator turns on once the RadEye is reinstalled in the box. Now the Area Monitor is ready for action again.



The RadEye Area Monitor can be complemented with an external alarm unit with horn and beacon. An occurring alarm can be acknowledged remotely controlled. Thereby the alarm unit should not be installed at a distance of >10 m (other lengths upon request).



RadEye Area Monitor: # 4250680

RadEye Area Monitor: Enclosure with transparent door; car adapter; AC/DC adapter with 2 m cable + connector; red light on enclosure; RS 232 interface 9 pin D-SUB connector (watertight); connector for external alarm unit. The RadEye has to be ordered separately.



Additional alarm unit # 425068010

Additional external alarm unit consisting of: 5 m cable with connector fitting to connector at 4250680; small box with latching relay and acknowledgement button; 5 m cable between the box, strobe and horn with wall mount holder.