



ERK-Series Emergency Response Kits

Description

All in one multi-functional detection for rapid response to suspected radiation hazards!

Emergency Response Kits are designed around the ADM300 series of portable multifunctional survey instruments and may be customized to meet specific requirements using various options and accessories. ADM300's are rugged and reliable and designed for use in harsh environments. With built-in GM detectors, a standard ADM300 will detect measure, and digitally display both dose and dose rate levels of gamma radiation from 10 μ R/hr to 10,000 R/hr (0.1 μ Sv/hr to 100 Sv/hr) and beta radiation from 10 μ R/hr to 5 R/hr (0.1 μ Sv/hr to 0.05 Sv/hr). Specific kits are available that include selected accessories and "smart" detectors that are used to measure, store, and display alpha, beta, gamma, neutron, and/or X-ray radiation. "Smart" detectors store probe ID, calibration data, and have internal high-voltage power supplies for "on-the-go" substitution.

Specifications

Basic Components ADM-300 Series Models

ADM300 (USA Standard)

ADM300S (USA Shoebox)

ADM300SI (International Standard)

ADM300SIS (International Shoebox)

| Standard Kit Models: | ERK ADV | ERK ADVSI | ERKKIT | ERKKITSI |
|------------------------------|---------|-----------|--------|----------|
| ADM300 Survey Meter | | | | |
| ADM300 (Std. Style) | X | | X | |
| ADM300S (Shoebox Style) | | | | |
| ADM300SI (Std. Style) | | X | | X |
| ADM300SIS | | | | |
| "SMART" Probes* | | | | |
| AP100A alpha probe | | | | |
| BGP100 beta/gamma probe | | | | |
| BGP100SI beta/gamma probe | | | | |
| BP100 pancake beta probe | | | | |
| ABP100 Alpha/Beta | X | X | | |
| XP100 X-ray probe | | | | |
| XP110 large area X-ray probe | | | | |
| UWP100 underwater probe/reel | | | | |
| GSP100 gamma scint. | X | X | | |
| NP100 neutron probe | | | | |
| PCD100 gas prop. beta/gamma | | | | |
| GP110 wide range gamma | | | | |
| GP110SI wide range gamma | | | | |
| Accessories | | | | |
| CP100 pouch | X | X | X | X |
| CS100 carry strap | X | X | X | X |
| EM100 earphone | X | X | X | X |
| HG100 gun handle | X | X | X | X |
| KC100 coil cord | X | X | | |
| ES100 high volume "chirper" | | | | |
| BCR100 bar code reader | | | | |
| TS1-- test sources | X | X | | |
| SB100 source button | | | X | X |
| ARK100 AP repair kit | X | X | | |
| CV100 voltage converter | | | | |
| GCF200 cal. fixture | X | X | X | X |
| ADMCOM cal. software/cable | | | | |
| ADM Manual | X | X | X | X |

*See "Smart" Probe descriptions in Section 5

Features

- Wide variety of eight "Smart" probes and 14 accessories to choose from
- Impact-resistant packaging
- Can include a calibration source set for quick verification in the field
- Basic ADM-300 series component has nine decades of operation (from environmental to accident levels) without saturation up to 100,000 R/hr with:
 - Internal GM detectors for beta and gamma detection
 - Microprocessor based unit with easy-to-read LCD panel
 - Beta window for ambient levels or for contamination on "samples" eliminating the need for a second unit
 - Displays and stores up to 100 data points
 - Independent, settable alarm levels (across entire range)
 - Switch activated speaker, illuminated display, RS-232C serial port
 - Scaler function



* All "Smart" probes require model KC-100 coil cord to operate with the ADM300.