APTEC-NRC

a COGEMA company

ERK-SERIES

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EMERGENCY RESPONSE KITS

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

Aptec-NRC's Emergency Response Kits are designed around the ADM-300 series of portable multifunctional survey instruments and may be customized to meet specific requirements using various options and accessories. ADM-300's are rugged and reliable and designed for use in harsh environments. With built-in GM detectors, a standard ADM-300 will detect measure, and digitally display both dose and dose rate levels of gamma radiation from 10 µR/hr to 10,000 R/hr (0.1 µSv/hr to 100 Sv/hr) and beta radiation from 10 µR/hr to 5 R/hr (0.1 µSv/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.

- **Wide variety of 8 "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 (9) 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, setable alarm levels (across entire range)**
  - **Switch activated speaker, illuminated display, RS-232C serial port**

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SPECIFICATIONS

• Basic Components ADM-300 Series Models

ADM-300 (USA Standard)
ADM-300S (USA Shoebox)
ADM-300SI (International Standard)
ADM-300SIS (International Shoebox)

• Kits

ADM-300 SURVEY METER	ADM-300 Basic Kit	ERK-100 Advanced Kit
ADM-300 (Standard Style)	YES	YES
ADM-300S (Shoebox Style)	NO	NO
"SMART PROBES"*		
AP-100 (Alpha-100 cm^2)	NO	NO
ABP-100 (Alpha/Beta-100 cm^2)	NO	YES
BP-100 (Beta-Pancake GM)	NO	YES
BGP-100SI (Beta/Gamma)	NO	NO
BGP-100 (Beta/Gamma)	NO	NO
GSP-100 (Gamma Scint.) NaI (TI)	NO	YES
XP-100 CaF2 (Eu) 2 in. dia.	NO	NO
PCD-100 Sealed Gas Proportional	NO	NO
ACCESSORIES		
ADM-COM Software (CSP-100)	NO	NO
Alpha Repair Kit (ARK-100)	NO	YES
Bar Code Reader (BCR-100)	NO	NO
Calibration Fixture (GCF-200)		
Carrying Case (CC-100)	NO	YES
Carrying Pouch (CP-100)	YES	YES
Carrying Strap (CS-100)	YES	YES
Coil Cord (KC-100)	YES	YES
Earphone (EM-100)	NO	YES
External Sounder (ES-100)		
Gun Handle (HG-100)	YES	YES
Source Button (SB-100) ^{137}Cs	YES	NO
Test Sources (TS-100)	NO	YES
Voltage Converter (CV-100)	NO	NO

*All "Smart" probes require model KC-100 coil cord to operate with the ADM-300.