Radiac Set AN/UDR-13

RADIACS

Description

The AN/UDR-13 is a compact, hand-held or pocket-carried tactical dosimeter capable of measuring prompt gamma/ neutron dose from a nuclear event plus gamma dose and dose-rate from nuclear fallout. For the individual soldier, the AN/ UDR-13 Pocket Radiac provides prompt neutron and gamma dose and residual gamma dose and dose rate information. A push-button pad enables mode selection, functional control and the setting of audio and visual alarm thresholds for both dose-rate and mission dose. A "sleep" mode with automatic wake up is provided to enhance battery life. Data readout and warning/mode messages are provided by LCD display.

Mission

Detect and measure nuclear radiation from fallout, radiological contamination and nuclear detonations.

Capabilities

- Combined Ratemeter and tactical dosimeter
- Settable audio and visual rate and dose alarms
- Measures dose rate up to 999 cGy/hr with minimum dose-rate sensitivity of 0.1 cGy/hr
- Measures total dose to 999cGy with an accuracy of ±20% or +15 cGy, whichever is greater, of the true tissue dose
- Replaces IM-93/PP-1578

Users

US Navy, US Marine Corps, US Army

Status

Sustainment

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