

Laurus Systems PRD Kit



The **LAURUS PRD Kit** includes the Mini Rad-D and a .25 uCi check source in a rugged and compact Pelican waterproof case. The Mini Rad-D is a powerful, sensitive and rugged all-weather radiation detector that's small enough to wear on a belt. Designed to discreetly monitor any environment without intrusion or disruption of civilian activities, the Mini Rad-D can be set to notify the user by vibration or audible alarm whenever radiation exceeds natural background levels. It has a single switch that puts it into audible alarm mode, vibrate alarm mode, or turns it off. The mini automatically calibrates itself to the natural background radiation, maximizing its detection sensitivity in any environment.



The Mini is designed to work in all weather conditions, survive submersion, survive a 3 ft drop onto a concrete floor and work in high-density RF environments. It is powered by two AA batteries that provide a battery life of over 2 years when used 48 hrs/week.

Mini Rad-D Specifications

Detector: .5" diam x 1.5" (1.3 cm diam x 3.8 cm), Cesium Iodide Scintillation detector with, high sensitivity photo-multiplier tube

Energy Range: 30 keV - 3 Mev

Alarms: Audible – 85 dBA, visual and vibrating

Display: Intense, large LED display

Power: Two AA batteries

Battery Life: 5,000 hours

Response Time: Less than 1 second

Calibration: Automatic

Dimensions: 3.7" x 2.5" x 1.2" (94mm x 64mm x 30mm)

Weight: 0.4 lbs (0.2 kg)

Warranty Two (2) Years

Environment: -10° F to 122° (-23° C to 50° C), 3 ft (91 cm) drop onto concrete, Operates in high RF environments, IP 65 Compliant as described in IEC529

