

rad-ID™



Accuracy, speed and many capabilities in one easy to use device make the rad-ID ideal for use by:

- First Responders
- Hazmat teams
- Fire Departments
- Coast Guard Inspectors
- Vehicle Inspectors
- Cargo Inspectors
- Package Inspectors
- Public Safety Departments

HAND-HELD ISOTOPE IDENTIFIER FOR ACCURATE IN-FIELD ANALYSIS

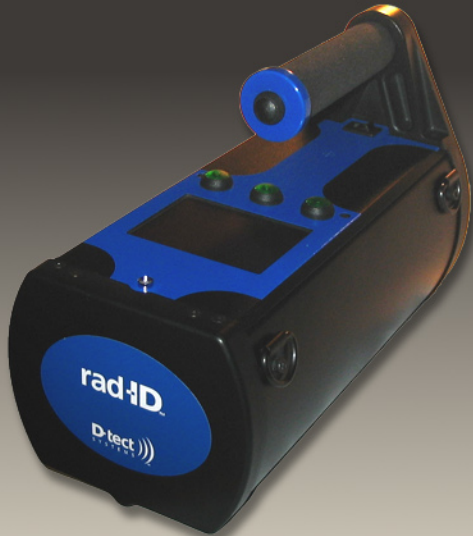
The rad-ID™ offers public safety and federal agencies a highly accurate and reliable in-field tool to detect, identify and quickly classify radiological hazards as to exact isotope, dose rate and location of greatest concentration. Over 110 Medical, Industrial and SNM isotopes of significance are included in the extensive radiation library. Designed to be rugged and easy to operate, the rad-ID can rapidly provide critical isotope identification for non-technical users and extensive analysis for highly trained personnel within minutes. When used with gamma detectors such as D-tect Systems rad-D™ and mini rad-D™, huge areas can be inspected and protected from radiological hazards at a low cost. An IrDA and a BlueTooth® wireless interface allows uploading of data via email / internet as well as downloading additional identification criteria to the search library if required.



rad-ID™

FEATURES

- Positive isotope ID following detection of gamma radiation
- Quickly identifies medical isotopes to rule out unauthorized possession of a radiological agent
- Quickly identifies presence of neutrons emitted by SNM's
- Allows first responder team or inspection personnel to develop a plan of action following ID
- Identification results can be up-loaded via email to qualified personnel for further analysis



SPECIFICATIONS *

Accurate, rapid Detection and Identification of over 110 medical, industrial, and SNM isotopes

Detects Gammas, Neutrons, Betas, and high-energy X-rays

Four independent sensors:

- Large 4 cm² CZT array allows fast photon collection with high accuracy
- Large 24.4 cm³ NaI(Tl) crystal to allow sensitive detection and rapid collection of photons
- Large volume (83 cm³) He3 detector for high-probability neutron detection
- GM tube to detects gammas and betas - handles high flux environments without saturation

4096 channel MCA

Constant radiation level readout for user safety

User expandable identification database

Wireless (Bluetooth) and IrDA communication allowing measured data to be downloaded and emailed instantly.

High resolution, 65,000 color, 3.6 inch display (320x240), backlit for easy reading in all light conditions

Comfortable shoulder-strap for extended use

Adjustable alarm levels

IP 65 Compliant as described in IEC529

Thermally corrected sensors

Auto-scaling Display

Well-shielded for operation in high-EMI environments

PC communication software

User selected radiation units

Weight: 5.7 lbs, including batteries

Operates on 3 "D" cell batteries with an operational life of 36 hours or longer

Operate in heavy rain

Operational outside temperature range: 5° F to 130° F

ABOUT D-TECT SYSTEMS

Founded in 2001 as a division of Mission Research Corporation, D-TECT Systems is focused exclusively on combating the urgent threat from radiological, chemical and other hazardous substances. Applying 32 years of expertise in radiation physics, spectral identification and advanced sensor technology, D-TECT products are manufactured and assembled in the USA. Our mission is to provide homeland defense and other services with the most powerful, affordable, and deployable detection and identification solutions available.

TDI
Tomorrow D-tection, Inc.

650 Belted Kingfisher Dr. N.
Palm Harbor, FL 34683
Ph: (727) 786-3862
Fax: (727) 772-8032
Email: Tomorrow@TDInc.biz