

RELIABLE, FAST, RADIONUCLIDE DETECTION

We specialize in developing cutting-edge products for rapid detection and management of nuclear threats. Our technology delivers results in under 60 seconds with specificity and high sensitivity.



Our products show an immediate visual color change when in contact with Uranium, Plutonium, Americium, Cobalt and Primary Transition Metals at trace levels.



OUR PRODUCT RANGE



Nuclear Detection wipe



Single Use Test



Water Test



Soil Test

Simple and Easy-to-use Colorimetric Nuclear Detection

Scan here for



Soil Test video



Technical specification:

Soil Test

5 single-use individually packaged soil test kits, included all the required sampling instruments and a single use ampule containing our detection liquid solution, enough for one test. Available in custom sizes upon request.

Detection capability	Uranium, Plutonium, Americium, Cobalt and Primary Transition Metals e.g. U-233, U-234, U-235, U-236, U-238, Pu-239, Pu-239, Pu-241, Pu-242, Am-241, Am-243, Co-60
Detection principle	Colorimetric elemental detection
Sensitivity	Uranium - 2.4ppm Plutonium – 242ppm Americium – 2.4ppm Cobalt – 590ppb
Dimensions	Single Soil Test Bag: H21cm x W13cm x D4cm Stand-up pouch: H30cm x W25cm X D12cm
Weight (approx.)	366 grams
Color	Stand up pouch: White
Amounts of tests	5 tests
Response time	Under 1 minute
Contents	5 x Single Use Soil Test Kits including: 1 x beaker 2 x filter 1 x disposable gloves in bag 2 x mixing tube (with results label) 1 x single use ampule 1x permanent marker 1x instruction card 1x color standard card 1x Molle Pouch (Black, Khaki or Coyote Brown) or 1 x Stand up pouch
Available Accessories	Replenishment Kits Available
Sample introduction	Liquid
Transportability	Pocket size
Calibration	Not required
Expiration	2 years
Power supply	Not required
Training required	Not required
Maintenance cost	Nil
Manuals provided	Instruction and Color Standard Card, Safety Data Sheet and Operating Manual

Products are subject to availability. Company reserves the rights from time to time, in its sole discretion and without liability to change, add or withdraw Products.

To purchase, please contact RT Technologies at 770.332.0092 or contact@rtlasersafety.com