

EXPLOSIVES IDENTIFIERS IDEX



IDEX EXPLOSIVES IDENTIFIERS

Individual disposable testers that identify visible amounts of unknown substances:

- Model IDEX-001: nitro-aromatics (e.g. TNT, tetryl, tri-nitro benzene)
- Model IDEX-002: AN (ammonium nitrate)
- Model IDEX-003: UN (urea nitrate)
- Model IDEX-004: CHL (chlorates)
- Model IDEX-005: PCHL (perchlorates)
- Model IDEX-006: NIT (nitrates)
- Model IDEX-007: PH (phosphates)
- Model IDEX-008: AA (acetic anhydride)
- Model IDEX-009: PX (peroxides: TATP, HMTD, MEKP, H₂O₂)
- Model IDEX-010: U (urea)
- Model IDEX-011: Al (aluminum)
- Model IDEX-012: Mg (magnesium)
- Model IDEX-013: Fe (iron/iron oxide)

The IDEX™ Series of explosives identifiers each identify only one category of explosive or precursor instead of testing for a broad range of explosives. The IDEX™ Series are designed to identify visible amounts of explosives through a color change on a sampler tip - detecting/identifying bulk explosives rather than trace amounts of explosives.

Models in the IDEX™ Series would generally be used to:

- Test found substances, visible to the naked eye, when particular explosives/precursors are of concern
- Back-up sniffer or bench-top instruments to clear or verify alarms
- Back-up screening kits such as E.L.I.T.E.™ series of colorimetric detection kits

Every IDEX™ tester is packaged in a convenient, disposable (and recyclable) plastic tube that's durable yet easy to open and is easily carried in a pant or shirt pocket - in fact several can fit into a pants pocket and ten or more into a cargo pocket. Each tester is a stand-alone, disposable, colorimetric test kit that uses chemical reagents - no ancillary equipment is required for operation. Reagents are fully contained inside each tester and the user is not exposed to any of the chemical reagents during operation. The operators can use the outer package of the IDEX™ to take a forensic sample of found material. Each IDEX™ includes a forensics label on which operators can record data such as GPS location, data, time, etc.

Here's a summary of IDEX™ Series' features:

- Portable and rugged packaging - no sharp edges to dig into skin
- Small but easy to handle. Package is cylindrical less than 3" long and less ~ 3/4" diameter
- Reagents are fully contained - no exposure to the operator
- Operator training in 15 minutes or less
- Each kit is completely disposable
- Kits contain no electronics and no ancillary equipment is required
- Field test for each type of explosive or substance as marked on each kit
- Each kit contains usage instructions and color guide as well as a forensics label
- Shelf-life of 2 years



Each IDEX™ tester is packaged inside a rugged plastic tube. - no sharp edges, rugged, durable.



IDEX™ Testers are easy to carry.



Tester being removed from outer package.



Example of chlorate positive, sampler tip turns from white to dark blue.