

# EXPLOSIVES DETECTION KITS EL-100

ITEM	1	2	3	4	5	6	7	8	9	10
<b>NETRO AMINATES</b>										
1. 2,4,6-Trinitrophenylamine (TNT)										
2. RDX										
3. HMX										
4. 2,4-Dinitrophenylamine										
5. 2,6-Dinitrophenylamine										
6. Nitroacetone										
7. Nitrocellulose										
8. Nitrobenzene										
9. Nitroethane										
10. Nitroethylene										
11. Nitroformaldehyde										
12. Nitroacetone										
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**E.L.I.T.E EL-100 EXPLOSIVES DETECTION** NSN 6665-01-591-1607

The E.L.I.T.E.™ Model EL100 Explosives Detection Kit takes reliable explosives detection to the next level. The EL100 exceeds existing kits in:

- 1) **Detection Capability:** detects 50% more types of explosives
- 2) **Sensitivity:** is up to 10000% more sensitive
- 3) **Reliability:** has at least twice the shelf life of many existing kits
- 4) **Ease of Use:** there are no bottles or vials

The E.L.I.T.E.™ EL100 reliably detects the presence of explosives and propellants. It is self-contained, requiring only a small auxiliary heating system such as a butane lighter or battery powered heater.

To collect a sample, rub the EL100 swab on the suspect area, object or person and then place the swab back into the card for testing.

Several categories of explosives can be tested with one EL100, including nitro aromatics, aliphatics, inorganics, bromates, chlorates and perchlorates. Very bright color changes indicate the presence of a broad range of military, commercial and inorganic explosives and propellants. The entire test takes less than two minutes. Some examples of positives for TNT, Tetryl, 2,6 DNT, RDX and ANFO (left to right):



**Model EL100-BPH  
Battery Powered Heater** – portable heating device for EL100. The portable heater operates on NiMH rechargeable batteries and is designed to operate for an eight-hour shift of normal, intermittent usage. It extends the range of the EL100 and improves sensitivity.



**Model EL100-BLH  
Heating Jig** – the heating jig is designed for use with an open flame such as a cigarette lighter of some sort. The jig folds on itself for easy storage. It extends the range of the EL100 and improves sensitivity.