

# Aero**Chamber** Sniffer Instructions



Read Before Use As a precaution, gloves and eye protection should be worn when handling substances and using test units. Do not puncture any part of unit. Do not remove probe once a capsule is broken. In the unlikely event of a spill, rinse affected area thoroughly with water. Keep out of reach of children. All results are presumptive.



Remove the Smart-Tip<sup>TM</sup> probe from the appropriate test kit.



Remove the cover paper from the Smart-Tip<sup>TM</sup> probe.



Insert the Smart-Tip<sup>TM</sup>
probe into the Accessory
with the adhesive area
facing out from the Sniffer.

Adhesive



Adhesive located on the FRONT of the probe for collecting particles



Collect particles from the suspect surface. Vacuum up to 10 seconds.



Remove the Smart-Tip<sup>TM</sup> probe from the Sniffer.

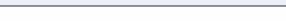


Lock Smart-Tip™ probe into test unit. Press firmly.



Do not continue unless probe is locked below the Flex Pins and cannot be removed from the test with the continue to the contin

#### CONTINUE TO KIT INSTRUCTIONS ON OTHER SIDE. •



- $\bullet$  Use only IDenta Sniff & Know  $^{\! {\scriptscriptstyle TM}}$  Detection Kits with the Sniffer.
- The Sniffer can be used for screening suspected people, clothing, hands, packages, shipping containers, and vehicles.
- The Sniffer is for relatively clean surfaces.
- Make sure to use the proper instructions. Testing procedures may vary for different types of detection kits. Using the wrong instructions may lead to improper identification.
- For optimum Sniffer operation time, do not use maximum (MAX) power.
- For maintenance and troubleshooting see the Sniffer Operating Manual.



**Operating Notes** 

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# Aero**Chamber** Sniffer

TESTING KITS FOR EXPLOSIVES

### Procedure Card for IDT0010S

GENERAL SCREENING EXPLOSIVE

SNIFFER Test Kit

#### Complete Steps 1-7 before proceeding.

With thumb and forefinger, squeeze chamber 1 until capsule breaks.

Gently shake test unit for 2-3 seconds.

With thumb and forefinger.

hamber 1 Results

The appearance of a brown-violet color on the adhesive indicates the presence of **TNT**, Tetryl or Composition B.

The appearance of a blue-green color on the adhesive indicates the presence of **DNT**.

<u>(1)</u>

If either color develops, proceed to Disposal. If neither color develops, proceed to Step 10.

Chamber 2 until capsule breaks.

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Gently shake test unit for 2-3 seconds.



hamber 2 Results



The appearance of an orange/red/violet color on the adhesive indicates the presence of RDX (C-4), PETN, SEMTEX, Dynamite, NG, Smokeless Powder, Tetryl, Composition B, EGDN, Nitrocellulose, R-Salt or Detasheet.



If one of the above colors develop, proceed to Disposal. If none of the above colors develop, proceed to Step 12.

Chamber 3 Identification



With thumb and forefinger, squeeze chamber 3 until capsule breaks.



Vigorously shake test unit up and down.



Results



The appearance of an orange/pink/violet color on the adhesive indicates the presence of a **Nitrate Salt**: Potassium Nitrate (Black Powder), Ammonium Nitrate (ANFO), Urea Nitrate, Calcium Nitrate or Sodium Nitrate.

\* If desired, complement positive results with Urea (Nitrate) Kit (IDT0020T) and/or Ammonium (Nitrate) Kit (IDT0030T).

If none of the colors develop, the above substances are <u>not</u> present.

Disposal

The test kit is safe to dispose of in the trash.



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