

WARRANTY EXCLUSIONS AND LIMITATION OF LIABILITY

IF THE USER DOES NOT ACCEPT THE FOLLOWING TERMS, THE USER SHOULD NOT USE THE CHAMELEON CASSETTES AND ARMBAND.

Seller warrants that, for the lesser of two (2) years or the shelf-life provided on the Seller's product, its packaging or its literature, its products shall conform to the description of such products as provided on the Seller's product, its packaging or its literature. THIS WARRANTY IS EXCLUSIVE, AND SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Seller's warranties made in connection with this sale shall not be effective if Seller has determined, in its sole discretion, that Buyer has misused the products in any manner, has failed to use the products in accordance with safe industry standards and practices, or has failed to use the products in accordance with Seller's written operating instructions, or other instructions furnished by Seller to Buyer.

Seller's sole and exclusive liability and Buyer's exclusive remedy with respect to products to Seller's satisfaction to be defective or nonconforming shall be replacement of such products without charge or refund of the purchase price, in Seller's sole discretion, upon the return of such products in accordance with Seller's instructions. All claims must be brought within two (2) years of shipment, regardless of their nature.

SELLER SHALL NOT IN ANY EVENT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND RESULTING FROM ANY USE OR FAILURE OF THE PRODUCTS, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE INCLUDING, WITHOUT LIMITATION, LIABILITY FOR LOSS OF USE, LOSS OF WORK IN PROGRESS, DOWN TIME, LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS, LOSS OF PRODUCTS OF BUYER OR OTHER USE OF ANY LIABILITY OF BUYER TO A THIRD PARTY ON ACCOUNT OF SUCH LOSS, OR FOR ANY LABOR OR ANY OTHER EXPENSE, DAMAGE OR LOSS OCCASIONED BY SUCH PRODUCT INCLUDING PERSONAL INJURY OR PROPERTY DAMAGE UNLESS SUCH PERSONAL INJURY OR PROPERTY DAMAGE IS CAUSED BY SELLER'S GROSS NEGLIGENCE.

Warning: Keep out of reach of children, if ingested seek medical attention immediately.

US Patent No. 6,284,198 and 8,043,198

Operating Instructions Hydrogen Cyanide Cassette (Part Number: 084048)

Applications:

The Chameleon is the only hands-free, power-free, chemical detector for gases and vapors **in air**, allowing First Responders, Firefighters, EMS, Police Officers and Military to detect the presence of hazardous chemicals. No liquid sample required. The Chameleon may even be immersed in salt water or fresh water without affecting its performance. Developed under funding by the United States Navy through a Small Business Innovative Research Grant, the Chameleon is ideal for users to screen unknown hazards in their environment.

Specifications:

The chemical sensor in the hydrogen cyanide cassette shows an easy to see color change. Half of the sensor window will change color indicating a response. Depending on the environmental conditions the color change may range from blue to pink.



Description	Concentration	Reaction Time
Hydrogen Cyanide (AC)	25 ppm	2 minutes

Interferences:

The hydrogen cyanide cassette was exposed to saturated vapor concentrations of toluene, bleach, DEET, gasoline, diesel fuel and JP-8 jet fuel for one hour. No false positive or false negative readings were observed. No other interferences are known.

Cross Sensitivity:

Exposure to hydrazine vapor limits the ability of the cassette to detect hydrogen cyanide, potentially resulting in a false negative reading. **Morphix Technologies recommends using the hydrazine cassette (Part Number 084045) to identify the potential for a false negative impact from hydrazine vapor.** The hydrogen cyanide cassette responds to cyanogen chloride (CK) with similar sensitivity as to HCN.



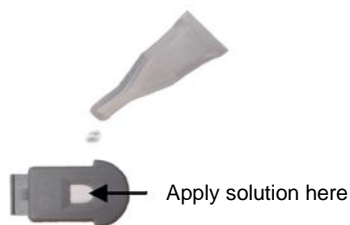
Introduction:

Hydrogen Cyanide (HCN or AC) is a rapidly acting, potentially deadly chemical that can exist in various forms. Hydrogen cyanide gas has been described as having a "bitter almond" smell, but the odor is not always detectable. Exposure to small amounts of hydrogen cyanide gas may result in the following symptoms: rapid breathing, dizziness, weakness, headache, nausea and vomiting. Exposure to higher doses may cause convulsions, loss of consciousness, lung injury and respiratory failure leading to death.

Hydrogen Cyanide gas is contained in cigarette smoke and the combustion products of synthetic materials such as plastics. In manufacturing, cyanide is used to make paper, textiles, and plastics. Cyanide gas is used to exterminate pests in ships and buildings and has been used as a chemical warfare agent. Hydrogen cyanide is listed in Schedule 3 of the Chemical Weapons Convention, and is considered to be a blood agent.

Technical Note:

Each hydrogen cyanide cassette is packaged with a water applicator vial. This vial contains a sterile salt solution that is non-toxic and safe for skin contact. Apply the solution to the cassette as pictured:



Operating Instructions:

1. The expiration date marked on the packaging assumes storage at 77 °F (25 °C). Short term storage at temperatures between 35 °F (1.6 °C) and 140 °F (60 °C) is acceptable.
2. At time of use - remove the water applicator vial from the cassette pouch by gently pulling the vial to remove it from the package. Retain for use in Step 5.
3. Remove the cassette from its protective pouch by tearing the pouch at the provided tear notch.
4. Firmly grip the cassette and remove it from the packaging. Ensure that the plastic pull tab, which is attached to the packaging, is removed completely from the cassette.
5. Twist off the tab on the water applicator vial.
6. Holding the cassette with text facing down, apply the entire contents of the vial drop wise to the white absorptive membrane. The solution will saturate the membrane but complete absorption is not required for activation.
7. Holding cassette with text facing up, slide cassette into Chameleon armband until the cassette firmly snaps into the armband.
8. Periodically view the cassette to observe color change in half of the sensor window.
9. Discard cassette after color change is observed or after 24 hours of use.
10. DO NOT use cassette beyond 24-hour service life.



Storage:

The Chameleon Hydrogen Cyanide cassette should be stored in its sealed foil pouch at all times until use.

Other Available Cassettes:

084005 Low pH (acid)	084045 Hydrazine
084015 Ammonia	084049 Hydrogen Fluoride
084020 High pH (base)	084052 Iodine
084030 Hydrogen Sulfide	084060 Phosgene
084035 Chlorine/Fluorine	084061 Phosphine
084040 Diborane	084065 Sulfur Dioxide

All cassettes are available in boxes of 10 or 50 cassettes. Quantity is designated by adding "-10" or "-50" to the end of part number.

Available Preconfigured Kits:

085110 or 085110XL Hazmat Detection Kit

Includes two (2) armbands with 10 cassette holder in standard length (14") or extra length (18"), ten (10) pouches containing 1 each of the following cassettes: Chlorine/Fluorine, High pH, Hydrazine, Hydrogen Fluoride, Hydrogen Sulfide, Iodine, Low pH, Phosgene, Phosphine, and Sulfur Dioxide in a hard plastic carrying case.

085120 or 085120XL Clan-Meth Detection Kit

Includes two (2) armbands with 10 cassette holder in standard length (14") or extra length (18"), ten (10) pouches containing 1 each of the following cassettes: Ammonia, Hydrogen Sulfide, Iodine, Low pH (acid), and Phosphine, in a hard plastic carrying case.

085140 or 085140XL Chemical Suicide Detection Kit

Includes two (2) armbands with 10 cassette holder in standard length (14") or extra length (18"), ten (10) pouches containing 1 each of the following cassettes: High pH (base), Hydrogen Sulfide, Low pH (acid), Phosphine, and Sulfur Dioxide in a hard plastic carrying case.

085190 or 085190XL Arson Investigation Kit

Includes two (2) armbands with 10 cassette holder in standard length (14") or extra length (18"), ten (10) pouches containing 1 each of the following cassettes: Ammonia, Hydrogen Cyanide, Hydrogen Fluoride, Hydrogen Sulfide, Low pH (acid), Phosgene, and Sulfur Dioxide in a hard plastic carrying case.

Cassette refills are available for all kits.