

# HEALTH-CHEM DIAGNOSTICS LLC

3341 SW 15TH St, Pompano Beach, FL 33069 – USA – Tel: (954) 979-3845 – Fax: (954) 979-7997

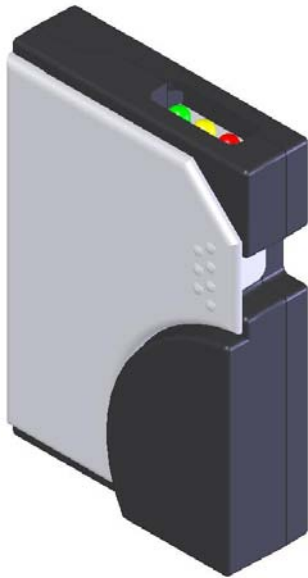
www.healthchemdiagnostics.com

## BREATHCHECK™

### Dual Value Breath Alcohol Test Reader

Euro Specifications: 0.15/0.25 mg/L Breath Alcohol  
(0.03 / 0.05% Blood Alcohol Equivalence)

Patent Pending



**Intended Use:** Breathcheck, Breath Alcohol Detector is a disposable human breath alcohol test designed for one-time use.

**Test System:** Breathcheck Breath Alcohol Detector contains crystals that change color in the presence of alcohol vapors. The results produced by the Detector are interpreted by the Breathcheck Breath Alcohol Test Reader.

**Contents:** 40 Dual Value Alcohol Detectors - 4 Plastic Bags (one per 10 Detectors)  
**The Electronic Reader is optional and supplied free with contract orders.**

The bags are attached to the Detector and used to make sure that enough air is blown into the Detector.

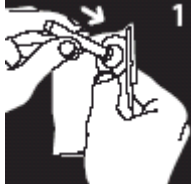

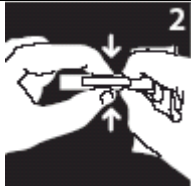
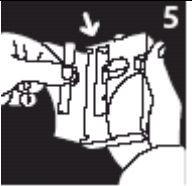

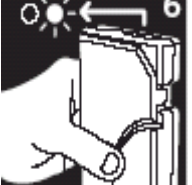
The Breathcheck Breath Alcohol Test Reader provides an automatic visual result of the tested Detector. The unit is factory calibrated, ready to use when a Detector is inserted into the sample port.

**Preparation and Storage:** The Detector and the Test Reader are ready to use. Use the Detector immediately after breaking the glass tube. Store at room temperature (59°F to 81°F or 15°C to 27°C).

The lot number and expiration date of the Detectors are printed on the kit box. The Detectors should not be used after the expiration date printed on the box.

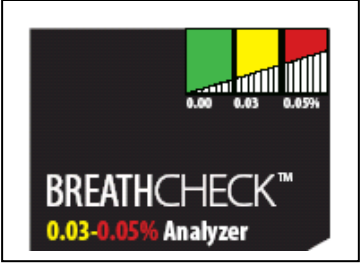
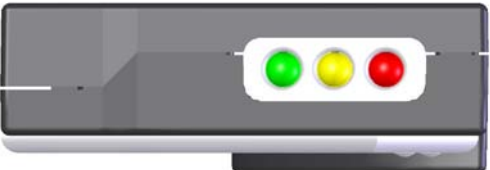
### INSTRUCTIONS FOR USE

*Please note: The test is designed for use at least 15 minutes after consumption of the last alcoholic drink*

	<p>1 Attach one of the inflation bags provided with the kit to the Detector at the end opposite the blowing end. (The blowing end is marked with 2 arrows).</p>		<p>4 Remove the tube from the bag and then, TAP on a flat surface to allow the crystals to settle, and to get the heavier chemical crystals into the bottom of the "Read" area (no label)*. Wait 2 minutes - Note: The bag can be returned to the box for additional uses</p>
	<p>2 Squeeze middle of the outer plastic tube of the Detector between thumbs and forefingers to break the inner glass tube containing yellow crystals. <b>SQUEEZE ONLY ONCE. DO NOT BEND</b> the Detector. Use the Detector right away.</p>		<p>5 Insert the BreathCheck Breath Alcohol Detector into the device, with the label upward.</p>
	<p>3 <b>Hold the Detector horizontally.</b> Take a deep breath and blow very hard into the Detector. Do this in <b>one continuous blow.</b> Do not inhale. The inflation bag will be full when you have blown enough. This may take up to 12 seconds. Stop blowing when the bag is fully inflated and remove the bag.</p>		<p>6 Close the device. The BreathCheck Electronic Reader automatically turns on and the lights will flash instantaneously once when the Detector is inserted properly and the cover is closed.</p>

**\*Important Note:** *Step 4 must be done in order to avoid errors due to glass reflection.*

## GETTING THE RESULTS

	<p>The Breathcheck Breath Alcohol Test Reader automatically turns on and the lights will flash instantaneously once when the Detector is inserted properly and the cover is closed.</p>						
	<table border="1"><tr><td data-bbox="743 327 1065 422"><b>POSITIVE</b> 0.05%</td><td data-bbox="1146 327 1463 422">A continuously flashing red light</td></tr><tr><td data-bbox="743 443 1065 537"><b>POSITIVE</b> &gt;0.03%</td><td data-bbox="1146 443 1463 537">A continuously flashing yellow light</td></tr><tr><td data-bbox="743 558 1065 657"><b>NEGATIVE</b> &lt;0.03%</td><td data-bbox="1146 558 1463 657">A continuously flashing green light</td></tr></table>	<b>POSITIVE</b> 0.05%	A continuously flashing red light	<b>POSITIVE</b> >0.03%	A continuously flashing yellow light	<b>NEGATIVE</b> <0.03%	A continuously flashing green light
<b>POSITIVE</b> 0.05%	A continuously flashing red light						
<b>POSITIVE</b> >0.03%	A continuously flashing yellow light						
<b>NEGATIVE</b> <0.03%	A continuously flashing green light						
<p>After recording the result, remove the Detector and discard. The Breathcheck Breath Alcohol Test Reader will automatically power off and can be stored until the next use.</p>							

## INTERPRETING THE RESULTS

Once the Detector has been used, the results can be read after waiting two (2) minutes. The Breath Alcohol Test Reader will continually flash a **red light** if the sample is positive (over 0.05% blood alcohol equivalence), a **yellow light** if the sample is positive (over 0.03% blood alcohol equivalence) and a **green light** if the sample is negative (less than 0.03% blood alcohol equivalence)..

### Warnings, Precautions, and Limitations:

**Alcohol impairs judgment. Do not test yourself OR drive if you have been drinking alcohol.**

Do not use the Detector if the glass tube containing crystals is broken before using. Do not use the Detector if the crystals are not yellow before starting the test. Do not use the Detector in an area with open containers of alcohol.

**Keep out of reach of children.**

Do not immerse in liquid.

**DO NOT INGEST.** Detectors contain potassium dichromate, a hazardous chemical. *If ingested, induce vomiting and contact your physician.*

Used detectors have no special disposal requirements and can be discarded with ordinary trash.

The Detector provides a reliable indication of the alcohol in the breath of the tester when these directions are *completely* followed.

## FREQUENTLY ASKED QUESTIONS

### Using the Detector:

*Q - Do I have to break the inner glass tube using two hands?*

**A -** Yes. The use of two hands creates a more uniform break of the glass tube, which allows the crystals to be more consistently exposed to the breath.

*Q - How do I know if enough breath was blown into the Detector?*

**A-** The plastic bag will inflate completely when enough breath has been blown into the Detector.

- *What if I don't shake the Detector after use?*

**A** – Not following the directions may cause incorrect results. Shaking the Detector ensures that all crystals are exposed to the breath. This will give a more accurate result.

### **Using the Breath Alcohol Test Reader:**

*Q - Do I have to do anything to the Analyzer to use it?*

**A** – No. The unit is factory calibrated and will sense the presence of a Detector and immediately read the crystals and indicate a result.

*Q – What if I do not 'flick' the plastic tube to allow the powder to settle to the bottom?*

**A** – The powder must settle to the bottom to allow proper reading of the crystals and provide accurate results.

*Q – Do I have to twist the tester while inserting into the sample port?*

**A** - Twisting makes the insertions easier. There is a small ledge on the inside that conforms to the tube and the direction it is inserted into the sample port.

*Q – Why aren't the lights working on the Analyzer?*

**A** – The Detector must be pushed down completely to 'read' the crystals. Be sure that the labeled end is facing up.

### **Interpreting Results:**

*Q - How long can I wait to read the results of a test?*

**A** - For best performance, results should be read within 30 minutes of using the Detector. Do not read before 2 minutes. Results will remain the same for up to 4 hours after completing the test.

Manufactured in the USA by:

**HEALTH-CHEM DIAGNOSTICS LLC**

**3341 S.W 15<sup>th</sup> ST. POMPANO BEACH, FL 33069 USA**

**Phone: (954) 979-3845 – Fax: (954) 979-7997**

**[www.healthchemdiagnostics.com](http://www.healthchemdiagnostics.com)**

**Certified ISO CMDCAS 13485:2003**



**FM77504 - Quality Award**

**FDA Establishment Registration No.1048532**

**PIN 422012 – 04/2006**

