

# GASTEC Instructions for No.6H2O Water Vapor Detector Tube in CO<sub>2</sub>

## FOR SAFE OPERATION :

Carefully read this data sheet and the CO<sub>2</sub> Analyzer Manual from Airborne Labs International, Inc. before using this product.

## ⚠ WARNING :

1. Use this detector tube only with passivated CO<sub>2</sub> Analyzers offered by Airborne Labs International, Inc.
2. This detector tube cannot be used with any Gastec Gas Sampling Pumps (GV-100, GV-110, No.801, and No.401).

## ⚠ CAUTION : If not observed, operator injuries or hardware damage may result.

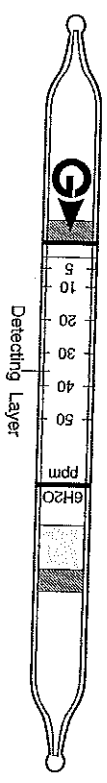
1. When breaking the tube ends, wear safety glasses and keep away from eyes.
2. Do not touch the broken glass tubes, pieces or reagent without using protective gloves.
3. Do not apply more than 138 KPag (20 psig, 1.4 barg) manifold gas pressure to this tube.

## ▽ NOTES : For optimal performance and test result reliability.

1. Use the Test Methods and CO<sub>2</sub> Analyzer Models offered by Airborne Labs International, Inc.
2. Use this tube within a temperature range of 20 - 30°C (68 - 86°F).
3. Shelf life\*, expiration date, lot number and required storage conditions\*\* for this tube are marked on the box cover.

## SPECIFICATIONS :

(As a result of Gastec's commitment to continued improvement, specifications are subject to change without notice).



Measuring Range	2.5 - 50 ppm v/v
Color Change for Water Vapor	@30 scc/min X 2.0 min = 60 scc CO <sub>2</sub> Yellow → Purple
Analyte Reaction Principle	H <sub>2</sub> O + Mg(ClO <sub>4</sub> ) <sub>2</sub> → Mg(ClO <sub>4</sub> ) <sub>2</sub> ·H <sub>2</sub> O

\*Shelf Life = 3 Yrs : Please refer to the Expiration Date printed on the box cover.

\*\*6H2O TUBES MUST BE STORED in a cool and dark place. **DO NOT FREEZE.**

## MEASUREMENT PROCEDURE :

Follow 6H2O (Water Vapor) method instructions provided with CO<sub>2</sub> Analyzer Models available from Airborne Labs International, Inc.

## DISPOSAL INSTRUCTIONS :

No toxic reagents are used within this tube. For proper tube disposal, follow all local government rules and regulations. MSDS sheets are available from Gastec Corporation and Airborne Labs International, Inc.

If you have any questions regarding the safe and proper use of this tube or tube quality, please contact Gastec Corporation or Airborne Labs International, Inc.\*\*\*

\*\*Airborne Labs International, Inc. is a manufacturer of CO<sub>2</sub> Quality Analyzer Systems, which incorporate Gastec detector tubes as an integral part.

Airborne Labs International, Inc.  
22C World's Fair Drive, Somerset, NJ 08873

<http://www.airbornelabs.com>

Telephone +1-732-302-1950 Facsimile +1-732-302-3035

Detector Tube Manufacturer : Gastec Corporation  
8-8-6 Fukuyaraka, Ayase-City, Kanagawa 252-1195, Japan  
<http://www.gastec.co.jp/>  
Telephone +81-467-79-3910 Facsimile +81-467-79-3979