

# GASTEC Instructions for No.92AA Acetaldehyde Detector Tube

## 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 (GY-100, No.801, and No.401).

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

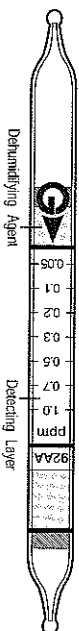
1. When breaking the tube ends, wear safety glasses and keep away from eyes.
2. Do not touch the broken glass tubes, pieces or reagent without using protective gloves.
3. Do not apply more than 139 KPa(g) (20 psig, 1.4 barg) manifold gas pressure to this tube.

## ▽ 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 refrigerator 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	0.05 - 1.0 ppm v/v @125 cc/min × 8.0 min = 1.0L CO <sub>2</sub>
Color Change for Acetaldehyde	Yellow → Wine Red A slight change in the tube body color from yellow to light tan is normal and expected when CO <sub>2</sub> flows through this tube
Analyte Reaction Principle	Acetaldehyde reacts with hydroxylamine phosphate to liberate phosphorous acid, which changes the pH indicator to wine red.

\*Shelf Life = 1 Yr (Refrigerated) : Please refer to the Expiration Date printed on the box cover.

\*\*92AA TUBES MUST BE REFRIGERATOR STORED at 10°C(50°F) or below. DO NOT FREEZE.

## MEASUREMENT PROCEDURE :

Follow acetaldehyde 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 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 or Airborne Labs International, Inc\*\*\*.

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

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