

GASTEC Instructions for No.111MOH Methanol Detector Tube in CO₂

FOR SAFE OPERATION :

Carefully read this data sheet and the CO₂ Analyzer Manual from Airborne Labs International, Inc. before using this product.

⚠ WARNING :

1. Use this detector tube only with passivated CO₂ Analyzers offered by Airborne Labs International, Inc.
2. This detector tube can not 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.

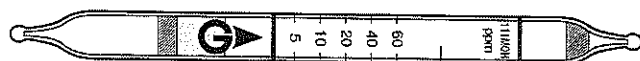
1. When breaking the tube ends, wear safety glasses and keep away from eyes.
2. Do not touch the broken glass tubes, pieces or reagent without using protective gloves.
3. Do not apply more than 138 KPag (20 psig, 1.4 barg) manifold gas pressure to this tube.

⚠ NOTES : For optimal performance and test result reliability.

1. Use the Test Methods and CO₂ 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 the box cover.

SPECIFICATIONS :

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



Detecting layer(pink)

Measuring Range	5 - 60 ppb v/v @300 scc/min × 8.0 min = 2400 scc
Color Change for Benzene	Pink → Pale Blue
Analyte Reaction Principle	Methanol reacts Cr ⁶⁺ and H ₂ SO ₄ to liberate Cr ³⁺ which changes the proprietary indicator to a pale blue shade.

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

** 111MOH TUBE MUST BE STORED in the cool and dark place. **DO NOT FREEZE.**

MEASUREMENT PROCEDURE :

Follow methanol method instructions provided with CO₂ Analyzer Models available from Airborne Labs International, Inc.

DISPOSAL INSTRUCTIONS :

Reagent of the tube uses small amount of toxic hexavalent chromium. 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 CO₂ Quality Analyzer Systems, which incorporate Gastec detector tubes as an integral part.

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