

GAS-5XL™ Series

PASSIVATED, MULTI-CHANNEL GAS DETECTOR TUBE (DT) ANALYZERS

KEY BENEFITS

- Low cost alternative to on-line analyzers. Ideal for periodic batch testing applications.
- Valuable, fail safe back-up unit for critical, on-line analyzers! (ex. TSC, Acetaldehyde, Benzene & Moisture Analyzers)
- Reliable test results can be obtained by *non-technical personnel* after minimal training.
- **No calibration gases required. A key advantage!**
- Validated ISBT / CGA / EIGA / ASTM specified test methods provided for CO₂ & other gases.
- Silcotek™ passivated sample path for accurate, low level (ex. ppb) impurity detection.
- Interfaces with transfer lines or small sample cylinders.
- Rack or bench mount configuration.

DETECTED IMPURITIES

Acetaldehyde / light aldehydes

Benzene / Aromatic Hydrocarbon Content

Total Sulfur Content (XLT Model Only)

Hydrogen Sulfide

Nitrogen Dioxide

Sulfur Dioxide

Hydrogen Cyanide

Total Mercaptans

Vinyl Chloride

Methanol / Ethanol

Phosphine

Carbon Monoxide

% Purity

Ammonia

Water Vapor

Oxides of Nitrogen

Oil Vapor

Nitrogen Monoxide

& many others*!

*Can be easily connected to Zahm-Nagel & Sensory test equipment

ALI is a worldwide, discount supplier of all detector tubes.

For more information, refer to ALI Manifold Friendly Detector Tubes & Accessories Flyer

TYPICAL APPLICATIONS

- Back-up to Continuous, On-Line Analyzers
- Gas Production Facilities
- Distribution Depots
- Bottling Plants
- Brewery Gas Testing
- QC Laboratory

MODEL OPTIONS

- **GAS-5XLT™**
Includes Total Sulfur Content (TSC) capability while running *two other* ISBT tests simultaneously with semi-automatic operation. Requires a low 22 mL/min flow of H₂ for catalytic TSC reactor conversion. ALI offers compact H₂ generator support products if required.
- **GAS-5XL™**
Decreased analysis time by running three DT tests simultaneously with semi-automatic operation. Expandable to 6 channels when interfaced with a low cost GAS-5XLS™ (slave) unit.
- **GAS-5XLS™**
Adds three additional testing channels to the above listed models for running *six DT tests simultaneously!* This greatly reduces analysis time & enhances test reliability.



GAS-5XLT™
(TSC CAPABILITY)



BENCHTOP
XCELA™ SYSTEM



GAS-5XLT/XLS CONFIGURATION
IN XCELA™ DUAL RACK SYSTEM



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AIRBORNE LABS INTERNATIONAL, INC

22C World's Fair Drive, Somerset, New Jersey 08873
T: (+1) 732-302-1950 F: (+1) 732-302-3035
E: AirborneLabs@aol.com www.AirborneLabs.com