

Baseline CHA™

TOTAL HYDROCARBON CONTENT (THC) ANALYZER FOR INTEGRATED XCELA™ SYSTEMS

KEY BENEFITS

- Offers continuous, fully automated THC analysis from ppb to high ppm levels. Meets all ISBT Method 10.0 requirements.
- Includes a generous complement of analog, digital and logic output capabilities for use in highly automated applications.
- Based on a *FlowGuard* electronically controlled flame ionization detector (FID), air, hydrogen fuel and sample flow are electronically controlled with easy FID start-up and monitoring.
- Programmable relays notify operators of impurity limit excursions, fault events, and system performance diagnostics
- Electronic back-pressure regulator with controlled sample bypass system ensures fast response (< 5 seconds to 90% of final reading), yet minimizes use of calibration gas standards and reduces sample volume requirements. This is an important consideration when low volume gas sampling bag, "No-Haz" gas samples must be tested.
- Operators can perform manual calibrations whenever desired or set defined time intervals for **automatic** re-calibration activities.
- THC ppm results are continuously displayed on a bold, easy-to-read display screen.
- User definable based upon calibration:
Very Low - 0.01 ppm to 200 ppm Low - 0.1 ppm to 2,000 ppm
Medium - 0.3 ppm to 20,000 ppm High - 0.003% to 100%
- ALI can provide all certified span & zero gas standards in CO₂ along with optimized standard gas delivery systems.
- ALI can also provide compact, efficient zero grade air & maintenance-free H₂ generators for complete THC analyzer FID support.
- ALI provides manual or automatic gas control modules for sample source selection and periodic system performance verification or recalibration.

TYPICAL APPLICATIONS

- Gas Production Facilities
- Distribution Depots
- Bottling Plants
- Brewery Gas Testing
- QC Laboratory

RECOMMENDED ACCESSORIES



BASELINE CHA ANALYZER



AIR COMPRESSOR - ZAG



SPAN & ZERO CALIBRATION STANDARDS



HYDROGEN GENERATOR



ISO / IEC 17025:2017 Accredited Laboratory

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