

Xcela-235 Series™

CO₂ PURITY ANALYZER

PRODUCT BRIEF
TURN-KEY TABLE RACK CO₂ ANALYZER



82.19 in [2088 mm]

21.33 in [542 mm]

KEY BENEFITS

- Comprised of rugged, reliable analyzers with totally Silconert® passivated hardware & tubing that meet all ISBT guidelines for sampling & testing of beverage-grade CO₂.
- This Xcela™ system offers *on-line* measurement of Total Sulfur Content (TSC), Aromatic Hydrocarbon (Benzene), Acetaldehyde (AA) and Total Hydrocarbon Content (THC).
- GAS-5XLT™ detector tube (DT) based analyzers are included for *fail-safe* back-up \ testing of TSC, Benzene, Acetaldehyde (AA), MeOH, H₂O, NO_x, NO₂ as well as periodic testing of many other impurities (ex. H₂O, SO₂, CO, NH₃, HCN, VCl, H₂S, PH₃, %CO₂ [with ZN-49 accessory], Sensory [with Sensory 15/16 accessory]).
- ALI's Methods Manual includes all validated ISBT / CGA / EIGA specified methods. All systems are shipped fully plumbed, tested & professionally crated for safe transport plus rapid on-site start-up.
- ALI, along with its worldwide service network offer installation, training, expert technical support, ISO-certified lab back-up, preventative maintenance, repairs, spares, all calibration & support gases plus all consumables (ex. all Mfg DT models).

XCELA-235 SERIES M

- A MSCM-6 gas controller allows for manual operator control of 6 sample lines plus analyzer manual verify and calibration functions.

XCELA-235 SERIES A

- An ASCM-10 gas controller allows for either operator or automated DSA-Blackbox™ control of 5 sample line and upgradable to 10 sample lines plus analyzer auto-verify and auto-calibration functions.
- An intuitive, industrial-grade data station (DSA Blackbox™) conveniently displays up to 24 channels of test data, performs data-logging, allows manual test data input (ex. DT, NVR, % CO₂, Sensory), issues quality excursion alarms, generates CoA reports (for several purity grades), features operator-programmed sample-line sequencing & remote access for data quality auditing or preventive maintenance services.



BASELINE BAM 8900
Aromatic Hydrocarbon (Benzene)
Acetaldehyde (AA), Methanol (MeOH)



BASELINE TSC 8900
Total Sulfur Content Analyzer



GAS-5XLT
Detector Tube Analyzer



PowerVar
Power Conditioner &
Surge Protector



ASCM-10-2
Automated Sample Line and
Calibration Control Module



BASELINE THA 9000
Total Hydrocarbon Analyzer (THA)



DSA BLACKBOX™
Data Station

RECOMMENDED ACCESSORIES



Hydrogen Generator
Proton On-Site
Hogen-600



Zero Air Generator
Parker Balston
with GAST Compressor
& Auto-Drain.



Digital Flow Meter
(Pressure &
Temperature Compensated)
& Mini Leak Detector



Calibration Gases
(available in various sizes)



Detector
Tubes



Sampling Cylinder
with Vaporizing Pressure
Regulator & stand.
(for Liquid CO₂ Sampling)



ZCheck 5XLT
Passivated Check Valve Assy
& Zahm & Nagel % Purity



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ISO / IEC 17025:2005

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