

Xcela-190 Series™

CO₂ PURITY ANALYZER

PRODUCT BRIEF

TURN-KEY TABLE RACK CO₂ ANALYZER

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), Methanol (MeOH) and Total Hydrocarbon Content (THC).
- A GAS-5XLT™ detector tube (DT) based analyzer is included for **fail-safe** back-up testing & confirmation of TSC, Benzene, AA, MeOH along with periodic testing of H₂O, SO₂, CO, NO_x, NO₂, 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 methods. All systems are shipped fully plumbed, tested & professionally crated for safe transport plus rapid on-site start-up.
- An ASCM-10 gas controller allows for either operator or automated data station control of up to 10 sample lines plus analyzer auto-verify / auto-cal functions.
- An intuitive, industrial-grade data station (DSA Blackbox™) conveniently displays up to 32 channels of test data, performs data-logging, allows manual test data input (ex. DT, NVR, % CO₂, Sensory), issues quality alarm alerts, generates CoA reports (for several purity grades), features operator-programmed sample-line sequencing & remote access for data quality auditing or preventive maintenance services.
- ALI & 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).



Table Rack Configuration



BASELINE TSC 8900

Total Sulfur Content Analyzer



GAS-5XLT™



ASCM-10-2

Automated Sample Line and Calibration Control Module



BASELINE BAM 8900

Aromatic Hydrocarbon (Benzene) Acetaldehyde (AA), Methanol (MeOH)



DSA BLACKBOX™
Data Station



BASELINE THA 9000

Total Hydrocarbon Analyzer (THA)

RECOMMENDED ACCESSORIES



Hydrogen Generator
Proton On-Site
Hogen-300

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

Data Station
Desk & Printer

PowerVar
Power Conditioner &
Surge Protector

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
& Zahn & Nagel % Purity



ISO / IEC 17025:2005

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