

Xcela-150T Series™

CO₂ PURITY ANALYZER

PRODUCT BRIEF
TURN-KEY TABLE RACK CO₂ ANALYZER



Table Rack Configuration

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) & Total Hydrocarbon Content (THC).
- A GAS-5XLT™ detector tube (DT) based analyzer is included for *fail-safe* back-up testing & confirmation of TSC along with periodic testing of Benzene, Acetaldehyde (AA), MeOH, H₂O, SO₂, CO, NO_x, NO₂, NH₃, HCN, VCl, H₂S, PH₃, %CO₂ (with ZN 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 and professionally crated for safe transport plus rapid on-site start-up.
- A MSCM-6 series (manual gas controller) is included which can select & control up to 6 sample lines plus simple analyzer verification / calibration actions. Note: An ASCM series automated gas controller option is available.
- A Data Station (DSA Blackbox™) option is offered. This is an intuitive, industrial-grade module that conveniently displays analyzer 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) & 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).



TELEDYNE 4020 THC
Continuous Total Hydrocarbon Analyzer



BASELINE TSC 8900
Continuous Total Sulfur Content Analyzer



GAS-5XLT
Detector Tube Analyzer
(with TSC capability)

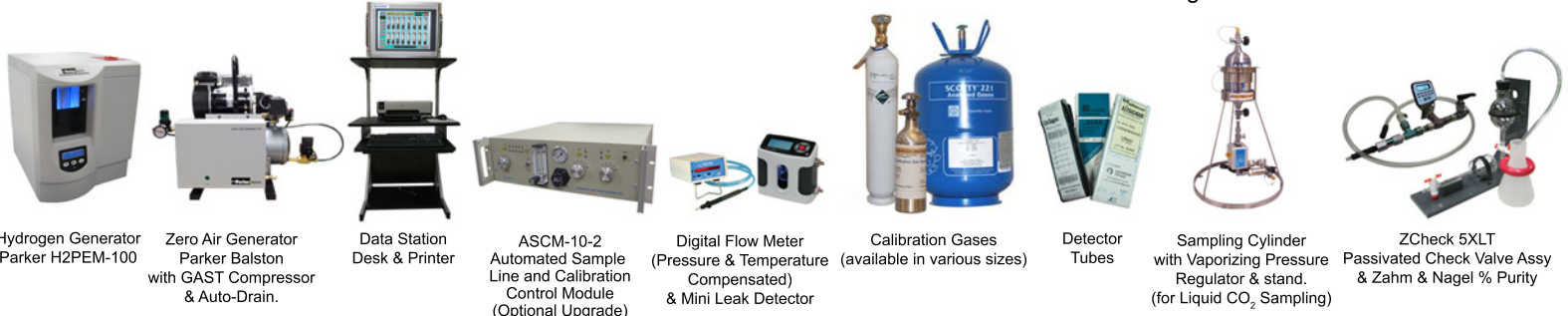


MSCM-6-2
Manual Sample Line and
Calibration Control Module



POWERVAR
Power Conditioner &
Surge Protector

RECOMMENDED ACCESSORIES



Hydrogen Generator
Parker H2PEM-100

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

Data Station
Desk & Printer

ASCM-10-2
Automated Sample
Line and Calibration
Control Module
(Optional Upgrade)

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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