

DSA BlackBox™

Data Station-Annunciator-System Controller

KEY BENEFITS

- A **very** operator-friendly, industrial grade HMI that performs continuous CO₂ analyzer system control, data display, auto calibration-verification (with auto-pass-fail data logic), “push button” CoA report generation & is also remote monitoring control / PLC compatible.
- Spreadsheet-based 24 channel data-logger with a robust *Flash-Drive* memory for **secure storage** of data generated by **any** OEM on-line analyzer model!
- “**Fly-By**” color display of live, continuous analyzer data in a simple bar graph format plus a “**Trend Tracking**” time-line display mode. These convenient features allow operators to quickly assess CO₂ purity & get early warning alerts on **any** impurity increase.
- **Manual Data Entry** by touch screen or keyboard for display & CoA report inclusion of **all** needed results from detector tubes, % Purity, NVR/NVOR or Sensory tests.
- **Appropriate Audio-Visual Alarms** activate whenever any CO₂ impurity approaches or exceeds its limit. All purity grade configurations (ex. ISBT, Food Grade, CGA, EIGA) are **operator selectable**.
- Controls various *Xcela™* System features such as our “**SenPro™**” for protection of H₂O & O₂ sensors from air exposure, “**Gas Mizer™**” for cal gas standard conservation, “**TruCal™**” non-hazmat gas standard delivery system, “**EMVENT™**” for auto-diversion of off-spec CO₂ to the air or another lower purity grade storage tank, “**LoGas™**” for early warning of a low cal gas standard levels, “**LoH₂O™**” for low H₂O reservoir level in H₂ generators plus others.
- User programmable sample line selection & analysis (**SEQ**) function. This allows up to **10 sample lines** to be automatically analyzed as desired which is useful for unmanned testing applications.
- Remote QC calibration-verification control, sample line monitoring, system troubleshooting, & software rev updating. This capability enhances system reliability & can *greatly reduce* your operating - maintenance costs especially if your plant is in a **remote world location!**

PRODUCT BRIEF
DATA STATION-ANNUNCIATOR



DSA BlackBox™
Rack or Bench Mountable
Data Station



Intuitive Touch Screen Display



Xcela™ CO₂
Analyzer System



Airborne Labs International

ISO / IEC 17025:2005 Accredited Laboratory

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