

# ASCM-10™ Gas Controller

AUTOMATIC SAMPLE LINE SELECTION & ANALYZER CALIBRATION CONTROL

## KEY BENEFITS

- **Design Features:** Comprised of rugged, reliable *Silcotek*® & PTFE passivated hardware that meets ISBT guidelines for sampling & testing of beverage-grade liquid CO<sub>2</sub>.
- **System Control Options:** Can be controlled either manually via front panel switches or *remotely* in “external” mode by a data station (ex. *DSA Blackbox*™) or programmable logic controller (PLC) using simple on/off relay contact closure commands.
- **Multiple Sample Source Control:** A standard *ASCM-10-5* model allows selection & purge control of up to 5 gas sample lines (channels). This can be increased to 10 sample channels with an *ASCM-10-10* unit. “Block & Bleed” ASCM configuration options are also available.
- **Pressure Control:** A built-in, passivated dual stage pressure regulator / gauge delivers the proper sample pressure (ex. 20 psig) to all analyzers.
- **Instrument Controllers (2):** Two standard, front panel controls can be set manually or *automatically* (external mode) by *DSA Blackbox*™ or PLC control. This valuable feature allows the desired sample channel gas, zero or span gas standards to be sent to a defined, individual analyzer or to a desired “group” of analyzers for analysis verification or calibration operations.
- **Configuration & Operational Flexibility:** *ASCM-10*™ series models can either be bench or 19” rack mounted. All are equipped with a universal power supply. The dimensions are 17” W x 5.25” H x 18” D.
- **Product Support:** All units come with a 1 year warranty & supported by *ALI’s world-wide*, regional service agents who can provide you with technical support, spare parts, and Repair & Maintenance. Various types of training options & materials are offered including convenient *webinar-based* training.

## TYPICAL APPLICATIONS

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



## RECOMMENDED ACCESSORIES

- Passivated Inlet Filters - P/N: SF-FTR-2CN-2CT-SW-07u
- Passivated Transfer Line Tubing (Contact *ALI* for transfer line tubing options)
- Passivated Fixed Bypass Assembly - P/N: PBA-3.2



ISO / IEC 17025:2017 Accredited Laboratory

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