



700 Multi-Point Sampler



By maximizing solenoid valve switching control, the CAI 700 Multi-Point Sample Sequencer enables the user to program up to 16 separate sample lines.

Description

The CAI 700 multi-point, automatic sample sequencer was developed to help minimize customer cost while increasing efficiency and options for monitoring multiple gas streams. The sequencer, provided in a compact, modular package, enables sequential analysis of up to 16 sample points by a single analyzer.

A single-board microcontroller with a microchip CPU and 7.0" TFT LCD color touch screen give the user the ability to easily and quickly program and manage event logic, solenoid valve timing and graphics. Modbus TCP/IP Ethernet connectivity provides direct interface with a network server or laptop computer.

Features

- Available for 8 to 16 sample points through programmable solenoid valve switching
- 7" TFT LCD touch screen
- Displays the active sample point with time remaining countdown
- Selectable sample time and sample stream identification
- Manual override during sample sequencing

- Local/remote control
- Alarm displays
- Sample is continuously drawn into sequence by bypass sample pump to minimize response time and keep non-active sample fresh
- Unit supplied in a 19" rack-mountable enclosure

Applications

- Fermentation
- Gas leak detection

- Emissions monitoring
- Area safety monitoring

Specifications

Ranges – Between 2 and 16 sample points
Wetted Parts – PTFE or 316 SS, Viton
Sample Valves – 24 VDC, 7 Watts, SS body, Viton seals and seats
Sample Bypass Pump – 9.5 LPM, SS head
Ambient Temp Range – 5 to 40 °C

Cooling – Fan
Dimensions – 17" W x 5.25" H x 22" D
Weight – 25 lbs.
Power – 115 VAC, 60 Hz, 3 amps
Communication – Modbus, TCP/IP Ethernet, digital I/O

Specifications subject to change without notice.