Save Energy
Maintain Network Pressure
In A Narrow Band

Connects with all control types found on any brand of compressor

- Network up to 12 compressors
- Lower operating and maintenance costs
- User-friendly and easy to install
- Expandable remote access PC connectivity
The Sequence Master allows you to network multiple compressors delivering air to a common plant air system. Integrating the operation of your compressors allows you to more effectively and economically control the operation of your compressed air system. The Sequence Master will control any make, model, type or combination of positive displacement compressors.

In combination with ConservAIR's Intermediate Control®, the Sequence Master optimizes performance and eliminates pressure fluctuations where it counts – at the work stations.

**Benefits**

- Save energy costs by improving the efficiency of your compressed air system.
- Control supply-side air pressure to a narrow throttling band.
- Integrate and manage the operation of up to 12 compressors.
- Achieve even run-time distribution of equivalent-size compressors.

**Operating Modes**

**FIFO Rotation**
Evenly distributes run-time of equivalent-size machines on a first-in, first-out schedule.

**Energy Rotation**
Automatically selects the lowest horsepower compressors capable of satisfying compressed air needs.

**Time Rotation**
Classical way to rotate compressors based on time. Compressors are assigned sequence designations and rotation takes place at a regularly specified interval.

**Equal Hours Rotation**
Equalizes the run-time of all compressors in the network in accordance with assigned priorities. Ideal for systems with equivalent size compressors.
Which Sequence Master is right for my system?

The Sequence Master comes in two different models - the SM-812 and SM-512. The two models are equipped with the same standard features and built to the same specifications, however the SM-812 has more advanced capabilities.

**SM-812 Functions:**
- Networks up to 12 compressors
- Direct connects up to 8 compressors
- Interfaces with electronic authority of Intermediate Control®
- Displays flow and kW if a monitoring device is installed

**SM-512 Functions:**
- Networks up to 12 compressors
- Direct connects up to 5 compressors

### Standard Features
- Compressor Status LEDs
- Configuration & Information Menus
- Continuous System Pressure Display
- Full Range Diagnostics
- Pressure Schedule Specification
- Target Pressure Setting
- Pressure Band Setting
- Dedicated LCD Information Display
- Maximum System Pressure Safety Setting
- Individual Compressor Priority Selection
- Individual Compressor Information
- System Response Tuning
- Pressure Sensor Calibration
- Power Failure Auto Restart
- Auto Default to Local Control
- Day & Time Clock

### Specifications

All positive displacement air compressors can be retrofitted for networking with the Sequence Master.

- **Power** .................. 110 or 220 VAC, 50 or 60 Hz
- **Dimensions** ............... 12"H x 20"W x 6"D
- **Weight** .................. 25 lbs.
- **Enclosure** ................. NEMA 12/IP 55, Steel, Wall Mount
- **Pressure Sensor** ........... 4-20 ma
- **Pressure Display** ......... Two, 3-Character LCD - back lit
- **Information Display** ...... 16 Character, 2 line LCD - back lit
- **Status LEDs** .............. 16
- **Key Pad** .................. 8-button tactile
- **Communications** .......... RS-485 Serial Port

### Interface packages available for:
- Atlas Copco Elektronikon®
- CompAir-Leroi
- Gardner Denver ES™/ES+™
- Ingersoll Rand Intellisy™ Controller
- Kaeser Compressors
- Quincy POWERSYNC™
- Sullair Supervisor
- General Interfacing Package (applies to any compressor)
Advanced Connectivity

Sequence Master

Active Network Interface (ANI)
Communicates with:
- PC through RS 232 Port
- Phone via modem
- Connects using MODBUS-RTU

Interface Relay Card (IRC 4)
Simplest method for connecting with Electro/Pneumatic Controls.

Compressor 1
Micro Mate MM-30
Basic individual electronic compressor control at a very affordable cost.
(See Bulletin CA-421 for additional information.)

Compressor 2
Source Mate SO-80
Microprocessor based individual compressor control.
(See Bulletin CA-420 for additional information.)

Compressor 3

RS 485 Communication Network

PC Connectivity with Remote Access
For data collection, remote access, and operation with Wonderware In Touch™ and other popular information systems.
(See Bulletin CA-400 for additional information.)

NEW
The Sequence Command Model SC-30 Air Network Control for systems with up to 3 compressors of any brand. (See Bulletin CA-411 for additional information.)