

Microprocessor Control

For CO₂ Production System (New or Existing Plants)

- All production system components are integrated into a single centralized control station, providing a single interface to access to all system status information.
- Easy-to-use user interface is the same on the microprocessor display and on the PC. PC graphics screen provides an “at-a-glance” overview of system status.
- One-button system start-up and shutdown.
- Increased system efficiency by extensive monitoring of system variables and user-programmable setpoints for fine-tuning of system operation.
- Indicates precise system alarm condition for easy troubleshooting and quick problem solving.
- System totalization feature allows for flows, such as fuel and CO₂ production, to be monitored, totalized and logged.
- Microprocessor and PC software provide important features, such as data logging, reports, graph plotting, equipment runtime tracking, maintenance manager and auto dial-out for alarms/failures.
- System supports communication protocols that allow for plant to be monitored by a larger



PRINCIPLE OF OPERATION

The Wittmann Microprocessor Control System not only provides the features as indicated above, it also contains options for additional features which will aid in the maintenance of the CO₂ plant. The system will indicate comprehensive alarms, diagnostics, and logging that will support quicker problem solving and less downtime. The alarms are displayed with easy-to-understand terminology for rapid identification of the problem. An

integrated maintenance manager can be provided that will schedule tasks based on performance analysis as opposed to simply time. Maintenance tasks can automatically generate work orders. The system can also support off-site diagnostics with the PC software and system modem. This feature allows for remote access to the system by plant or Wittmann personnel for problem solving support, thus reducing the need for costly field visits.

