

# EXOINJECTOR™

## FUEL-INJECTION MIXING SYSTEM FOR EXOTHERMIC GAS GENERATORS



The ExoInjector™ is an accurate and maintenance-free gas mixing system designed specifically for exothermic gas generators. The system incorporates a patented fuel injection design that utilizes electronic flow measurement and precise ratio control to consistently provide the ideal gas mixture for high quality exothermic gas generation.

The system includes a trim control input with programmable control range for precise generator control without adding extra meters or valves. A ratio deviation alarm ensures the desired gas mixture is being produced at all times. The ExoInjector™ was designed to easily replace existing carburetor/pump designs with an efficient gas injection system for a significant reduction in exothermic gas production costs.

### FEATURES & BENEFITS

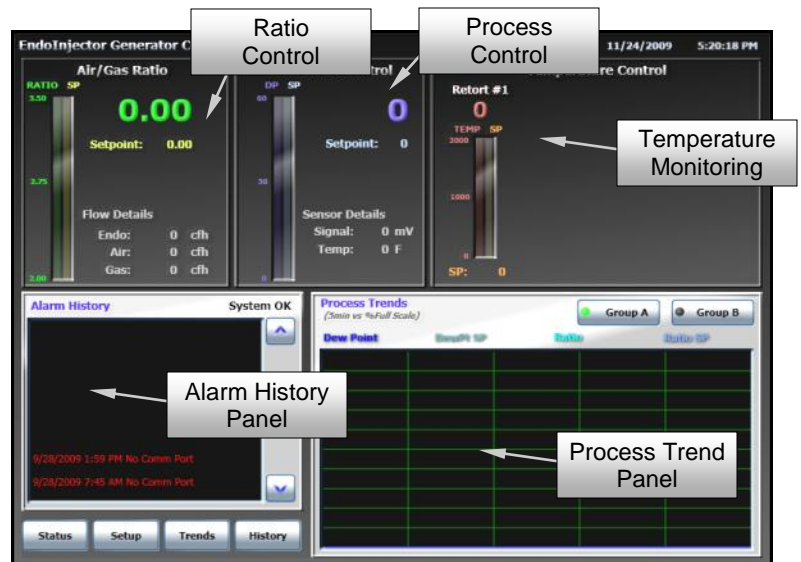
### SYSTEM INCLUDES

- Full-Color Touch Screen
- Ratio Controller
- Fuel-Injection Control Valve
- Integrated Paperless Chart Recorder (5+ yr. Data Storage)
- Electronic Air Flow Meter
- Electronic Gas Flow Meter
- Mixing Blower
- Relief Valve
- Air Inlet Filter
- Optional %Hydrogen or %CO<sub>2</sub> Control
- Optional Temperature Display / Logging

### SPECIFICATIONS

Control Power ..... 110/220VAC @ 50/60Hz  
Blower Power ..... 230/460 VAC 3 Phase  
Capacity ..... 100-6000 CFH (Standard)  
100 - 14,000 CFH (Extended)  
Turndown ..... 5:1 (or greater)  
Min Gas Pressure ..... +2.5 psig (Standard)  
+0.5 psig (LP Model)  
Max Gas Pressure ..... 5 PSIG All Models  
Max Operating Temp. .... 180°F  
Communication Ports ..... 232/485/Ethernet  
Protocol ..... ModbusRTU  
Ports ..... 2" NPT (unless otherwise spec)  
Gas Types ..... Propane or Natural Gas

- Large Turndown Capability
- Reduce Operating Costs
- Touch-Screen Control Interface
- Minimize Generator Setup / Startup Time
- Eliminate Gas Waste
- No Lubrication Required
- Precision Ratio Control
- Integrated Paperless Chart Recorder



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“INTEGRATED FLOW CONTROL SOLUTIONS”

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