

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.



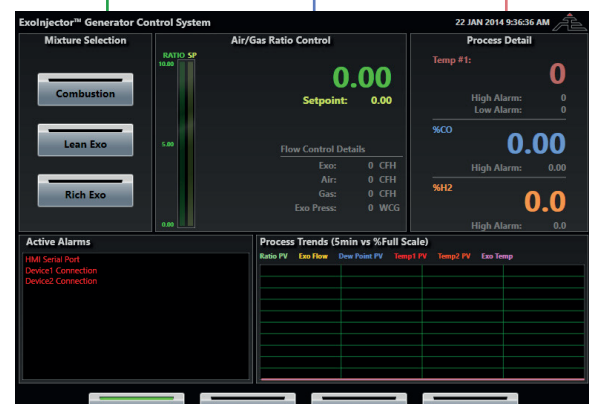
FEATURES & BENEFITS

- 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 %H or %CO2 control
- Optional temperature display/logging
- Large turndown capability
- Reduce operating costs
- Touch screen control interface
- Minimize generator setup/startup time
- Eliminate gas waste
- No lubrication required
- Precision ratio control

SPECIFICATIONS

Control Power:	110/220 VAC @ 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:P	2" NPT (unless otherwise specified)
Gas Types:	Propane on Natural Gas

Mixture Selection Ratio Control Process Control



Alarm History Panel

Process Trends Panel

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