

AutoGen

AutoGen represents the next advancement in generator controls utilizing sophisticated flow loop algorithms to perform demand-based control on endothermic gas generators. AutoGen is designed to fully automate generator control including temperature, dew point, air/gas flow and automatic turndown.

		TRIM DEVI	ATION ALARM			
Coarse Adjust		Dewpoint			Temperature	
	2.65		53°F			
SP:	2.60	SP:	30°F	1900° man 0	°F 1900°F % man 29%	
auto	100%	auto	100%			
Flow Detail Air 2603 CFH Gas 982 CFH Endo		Alarms TRM DEVIATION ALARM TRM HIGH OUTPUT COARSE HIGH OUTPUT		_		
Header Pressure Outlet Temperature	19.3in 141°F	TURE 3 OVERTEMP				
Despoint 920/2015 3 20 AM	v.		Process Trends		5/20/2015 7:19 AM	
09'F						
86'F						
40'F						
24%						
1315						
10'F 3 20 AM 3.42 A	M 4:03 AM 4:	25 AM 4.47 AM	5.08 AM 5.30 AM	5.52 AM 6.14	AM 0.35 AM 0.57 AM	
Menu	System	Cr	ontrol	Chart	Alarms	

AutoGen is designed for simple and costeffective replacement of existing pump and carburetor-based systems.

When your generator has varying demands for endo gas, avoid burning off excess gas and let AutoGen produce only necessary gas, resulting in immediate cost savings.

Generator Control

- Temperature Control Loop(s)
- Dew Point Control (Multiple Technologies)
- Electronic Flow Readings and Control
 - Inlet Gas
 - Inlet Air
 - Outlet Endothermic Gas
- Endothermic Gas Temperature
 Configurator Remote Control/Management Software
- 12.1" Color Touch Screen (15" Optional)
- Video Recording
- Current & Historical Alarm Information
- Configuration Utilities
 - Alarm Definitions
 - Maintenance Scheduling
- Generator Pressure
- Quick Visual of Generator Status
- Ethernet Connectivity
- Includes Air Blower, VFD and Air Filter Assembly
- Temperature Hi-Limit
- Multi-Language Support
- Optional Generator Burnout Blower

INNOVATIVE SOLUTIONS WORLDWIDE



Specifications	
Control Power	110/220 VAC
Communications	Modbus TCP, Modbus RS485
Gas Type	Natural Gas, Propane
Maximum Gas Pressure (Pre-Mix)	5 psig
Minimum Gas Pressure (Pre-Mix)	0.5 psig
Turndown Ratio	6:1
Max. Operating Temperature	122 °F / 50 °C
Endothermic Gas Capacity	700 - 13,500 scfh / 19.82 - 382.32 m³/h

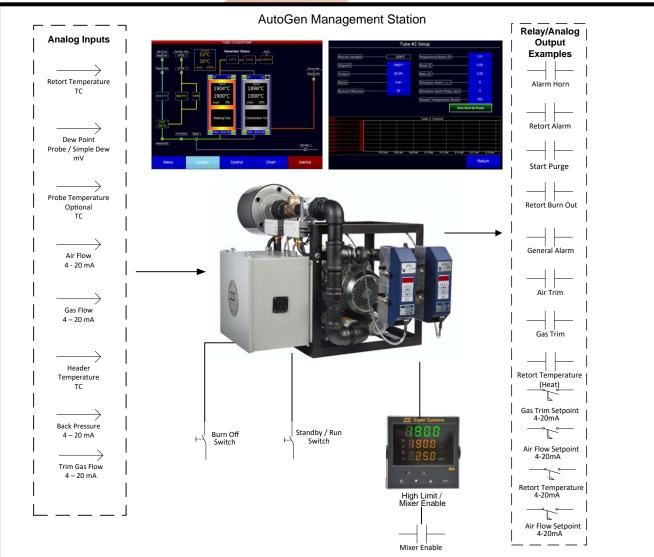
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	100%		- Berner for
	1904°C 1900°C man 0%	1896°C 1900°C man 295	8
2.05 100 %	Making Gas	Combustion On	
			CROPPING .

Easy Configuration and Control

- Easily configured for single or multi-tube generators
- Easy-to-use interface
- Visibility of all configuration parameters, process variables, current/historical charts, alarms, and inlet/outlet gas flows.
- Equipped with precision control of dew point and gas/air flow.



Additional Features

- Alerts on screens, tracked historically
- Chart display and printing from PC
- On-screen instructions
- Email alarms
- Remote screen control



Super Systems

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Configurator

- Historical Tracking of Backups with Date/Time Stamps
- Remote Desktop Control for Configuration



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