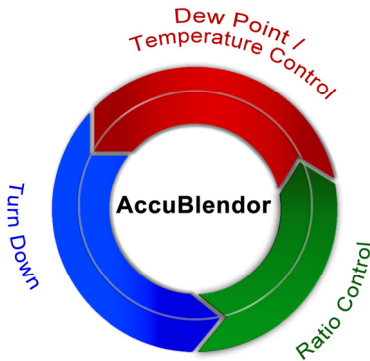


ACCUBLENDOR Plus™



QUICK FACTS

AccuBlendor Plus™ is a new endothermic generator control system that provides a cost-effective solution for gas mixing requirements. The turnkey system features integrated temperature, dew point and turn down control.

The *AccuBlendor Plus™* delivers atmosphere gas only as needed, which helps to reduce gas waste and to lower operating costs. It automatically measures the actual blend of gases and performs mixing in real-time, providing only as much endothermic gas as is required.

The *AccuBlendor Plus™* consists of three core products

all designed to work together as a simple to use and install system:

- a **Protherm 470** controller with ratio control system
- an electronic variable speed compressor
- an electronic control package.

BENEFITS



Saves money by producing only as much gas as needed to satisfy demand. Eliminates gas waste.



Self-contained skid mounted configuration includes compressor, flow meters, and ratio control system for easy connection to generator.



Precise dew point and temperature control



Variable speed control extends compressor life and eliminates the need for blower and high inlet gas pressures. Electronic ratio control eliminates the need for a carburetor.



Ideal for customers who need to control and data log flow rates, dew point, alarms, and temperature for compliance to internal ISO specifications or NADCAP, AMS2750D, or CQI 9

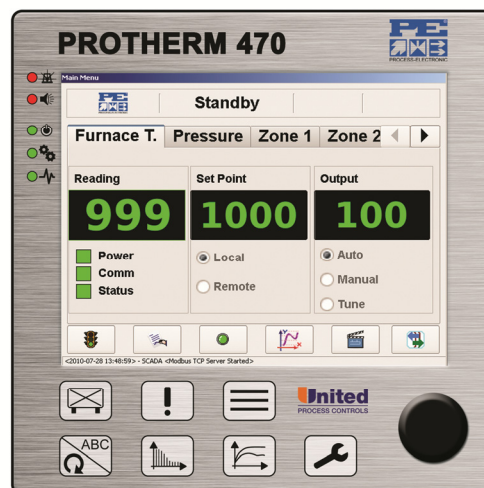


ACCUBLENDOR™

ELECTRONIC RATIO CONTROL SYSTEM

incorporated in the PT470

- Replaces traditional carburetor eliminating problems associated with unstable pressures especially at high turn down settings.
- Electronic and mechanical indication of critical flows, fully compliant with all safety regulations, assure a constant mixture and flow and consistent gas chemistry.
- Dew point trim control accomplished by slight adjustments of the ratio.
- Advanced ratio control allows for fully automated operation without the need to manually adjust the base ratio.



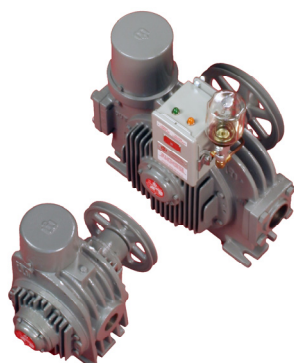
ELECTRONIC CONTROL PACKAGE

- Control of generator temperature, Dew Point, and Turn Down
- Clearly described alarms
- Trending of all process variables
- Local data logging
- USB memory stick interface to retrieve data
- Compatible with most Scada packages for online continuous monitoring and archiving
- Generator High Limit and electrical circuit protection
- Variable frequency drive for mixing pump motor including AC line reactors for protection from transients and harmonics

mp PSI	Out P.	DP	Main	Layout
Retort Temp	1900		Endo P.	14.0
°F	1900		"wc	14.0
DPT	40.0		Comp PSI	0.99
°F	40.0		psi	1.00
Ratio	2.600			

ELECTRONIC VARIABLE SPEED COMPRESSOR

- Capacities up to 10000 cfh
- Turn down flow is accomplished by electronic measurement of generator output, and variable speed control the gas mixing pump
- Field proven, easy to maintain Waukee gas compressor provides years of service and easy field rebuilds
- Variable speed feature extends compressor life
- Low maintenance inlet filter, inexpensive and easy to change
- Easy to install replacement vane kits for like-new performance



Sentinel LITE Sensor Package Included

- 10X faster response than conventional probes
- Up to 100X faster than reheat wells
- Simple installation
- Lowest sensor replacement cost
- Long sensor life- typically 4 years
- Simplest set-up and calibration available
- No hidden "maintenance kit", calibration or service costs
- No costly extras like burn-off, reference air or timers needed



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