



Super Systems inc.

4250 Creek Road, Cincinnati, OH 45241

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www.supersystems.com

Bazooka Probe

Designed for an Endothermic Generator

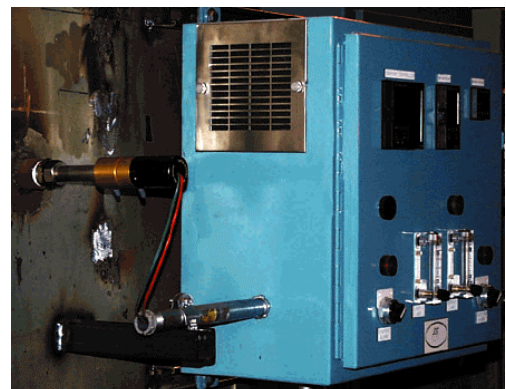


Bazooka Specifications

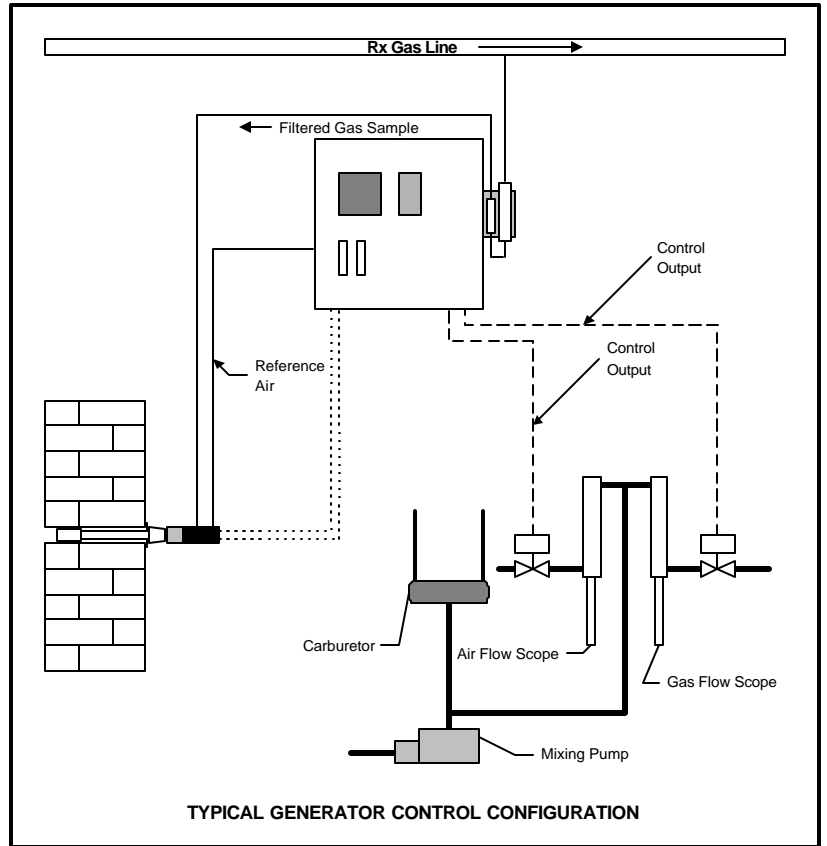
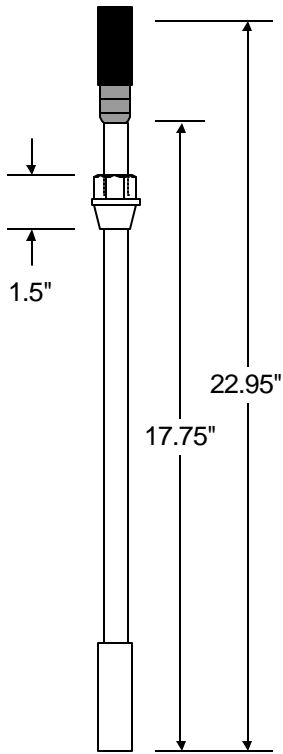
- ◆ Probe Applications:
 - ◆ Endothermic Generators
 - ◆ Exothermic Generators
 - ◆ Rotary Retort Furnaces
 - ◆ Sintering Furnaces
 - ◆ Any application where in situ operation is not possible

- ◆ Mounted in the combustion chamber – approximately 1550° F.
- ◆ Endo gas, after it has been cooled, is connected to the probe to be measured
- ◆ The small gas sample is expelled into the combustion chamber and consumed
- ◆ The output from the Bazooka probe is connected to the controller
- ◆ Trim air / gas is introduced after the carburetor, before the mixing pump.
- ◆ Sidewall mounting allows for easy installation while the generator is operational.
- ◆ Probe longevity is extended because of the lower operating temperature
- ◆ Cermet coating of the probe sheath extends life.
- ◆ The coating reduces the catalytic effect between the methane and nickel.
- ◆ Probe is specifically designed for burnoff.
- ◆ 12-month warranty
- ◆ Direct replacement for “re-heat well” probes

- ◆ Process variable range: 0-100°F DP (0.01 to 1.6%C)
- ◆ Temperature range: 1350° to 1700°F
- ◆ Probe impedance: Less than 10 kohms @ 1700°F
- ◆ Probe output: 0 to 1250 mVdc
- ◆ Response time: Less than 1 seconds

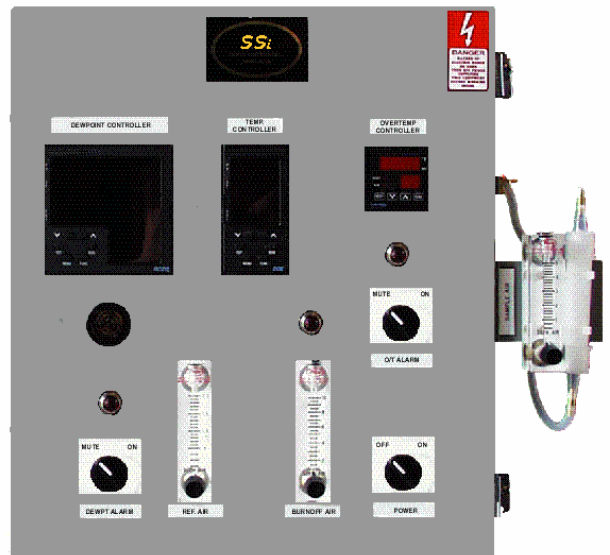
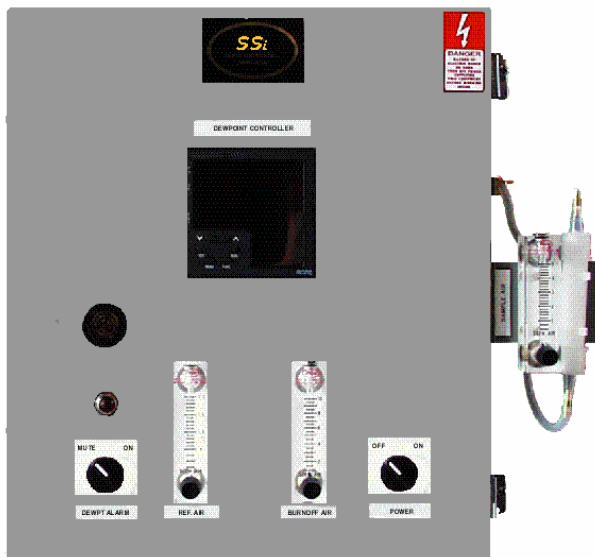


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Model 1500 Atmosphere Control System

Model 2500 Atmosphere and Temperature Control System



Quality

Value

Service

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