

# INNOVATIVE SOLUTIONS WORLD WIDE



## THE ROAD TO QUALITY

### SSi Gold Probes

Delivers precision and repeatability in a variety of controlled atmosphere heat treating processes

"Ceragold" - high temperature / high carbon solution reduces green rot and sooting, resulting in superior performance

Patented sheath / electrode design facilitates probe burnout, promoting longer life

SSi's Gold Probe can be rebuilt after the initial warranty period, both new and rebuilt probes carry a twelve (12) month warranty.



Model	Over-all Length	Insertion Length	P/N "K" T/C	P/N "S" T/C
Gold Probe II	27.25" (692mm)	20.5" (520mm)	16019 00	16018 00
700	34.25" (870mm)	27.7" (704mm)	16029 00	16028 00
830	39.5" (1003mm)	33.0" (838mm)	16049 00	16048 00
900	43.75" (1111mm)	37.25" (946mm)	16099 00	16098 00
BAZOOKA		See Manual	17139 00	17138 00



### Model 1500

Single-loop atmosphere control system  
Integral reference air and burnout air system  
Designed for either endothermic generator or furnace  
Electrical drawings for easy customer installation

### Model 2500

Single-loop atmosphere & temperature control system  
Hi-Limit control  
Integral reference air and burnout air system  
Designed for either endothermic generator or furnace  
Electrical drawings for easy customer installation



TAKE CONTROL WITH *SSi*

# HP2000

## Self-heated Oxygen Probe

There are certain applications where an in situ probe is impractical. For those situations, Super Systems Inc., recommends the HP2000 self-heated oxygen probe.

The probe uses an extracted, continuous sample of the atmosphere stream to pass-by a standard oxygen probe.

The configuration below shows the typical interconnection of the components making up an entire system.



Description	Part Number
HP2000 Assembly	13019
SSi Gold Probe	11138 00
Model 1500 Atmosphere Control System (Reference Air & Burnout Air)	31051
Optional Pump	37177
HP2000 with 9000 Series Temperature and Atmosphere Controller	13405

## Applications:

Multi-tube generators

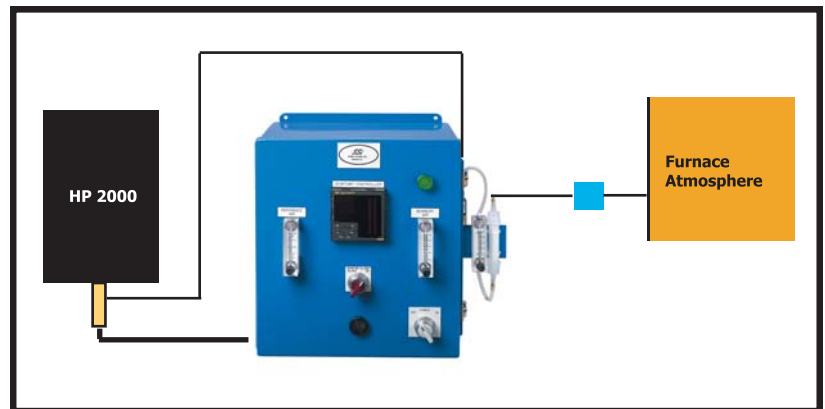
Rotary retort furnaces

Muffle type furnaces

Shaker furnaces

Low-temperature applications

Sintering applications



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