

TECHNICAL SPEC FOR Furnace

System Model:	SVG VTR 7000
Process:	Phosphine dopes LPCVD POLY
Materials:	PCE and ACE
Substrate size:	Set up on 6 inch, 8 inch compatible (8 inch heater, tube, pedestal).
SMIF:	No
Gas config:	N2, SiH4 top/injector, PH3 top/injector
MFC:	2X N2, 2X SiH4, 2X PH3
Wafer storage:	1X Mon, 1X MinLoads, 6X Prod
VCR Gasline interconnect:	Yes
PCE Controller:	CRT
ACE Panel:	Standard
Robot:	Compumotor
Boat type:	6 inch, quartz on 8" pedestal
Boat rotation:	No
Boat elevator:	Dual boat elevator, currently set up for single boat
Laminar flow hood:	Included
Trans LC bubbler:	No
Anti-static bar:	Yes
Combustible gas monitor:	No
Element lift:	Yes
Torch controller:	N/A (because LPCVD POLY type)
Missing parts:	No
Defected parts:	No
Operating system:	ACE / PCE configuration connected to SEMY server.
Serial plate	

PHPOLY1



THERMCO SYSTEMS

A Division of Silicon Valley Group, Inc.

SET NO. V7B-407 / VOLTS 480 AIC 14K

TYPE VTR7000 BASELINE FREQ. 60 HZ AMPS 60

S/O NO. V19662-5 PHASE 3 POWER 25

L1 32 AMPS L2 24 AMPS L3 27

OVERCURRENT PROTECTION SUPPLIED AT THE MACHINE SUPPLY TE