



INERT ATMOSPHERE OVEN, Serial No. 106153A0512
for heating polymer fibers

- maximum operating temperature: 500 C
- work space dimensions: 54" wide x 36" deep x 84" high
- 60 KW installed in Incoloy sheathed tubular heating elements
- 10,000 CFM, 7-1/2 HP recirculating blower providing vertical downward airflow
- 8" insulated walls
- aluminized steel exterior
- type 304, 2B finish stainless steel interior with continuously welded seams
- inert atmosphere construction including pressure regulator, flow meter, pressure gauge, internal high temperature gasket, all welded expansion connection in doorway throat, air jacket on inner oven for cooling, 1/2" thick cellular silicone rubber atmosphere seal, blower shaft seal, pneumatic positive latching door hardware, adjustable offset door hinges, outlet with pressure relief, interior seams welded gas-tight, all wall penetrations fitted with compression fittings
- 0-1500 CFM blower to pull air through air jacket on inner oven for cooling
- digital programming temperature controller
- manual reset excess temperature controller with separate contactors
- recirculating blower air flow safety switch
- Honeywell eZ Trend paperless recorder
- SCR power controller
- trace level oxygen analyzer



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