

**MODIFIED MODEL IA-1000 HIGH TEMPERATURE
INERT ATMOSPHERE OVEN, Serial No. 770031**
for blueing steel with steam

- maximum operating temperature: 1000F
- work space dimensions: 24" wide x 24" deep x 36" high
- 18 KW installed in Incoloy sheathed tubular heating elements
- 750 CFM, 3/4-HP recirculating blower providing horizontal front-to-rear airflow
- 8" thick insulated walls comprised of 2" of 1900F block and 6" of 10 lb/cf density rockwool
- aluminized steel exterior
- type 304, 2B finish stainless steel interior with continuously backwelded seams

- inert atmosphere construction modified for use with customers steam boiler, including 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, positive latching door hardware, adjustable offset door hinges, outlet with pressure relief, interior seams welded gas-tight, all wall penetrations fitted with compression fittings
- digital programming temperature controller
- manual reset excess temperature controller with separate contactors
- recirculating blower air flow safety switch
- 10" diameter, 2-pen circular chart temperature recorder
- SCR power controller
- integral leg stand
- fused disconnect switch



THE GRIEVE CORPORATION

500 Hart Road, Round Lake, Illinois 60073-2898 USA
(847) 546-8225 Fax: (847) 546-9210

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