

MODIFIED MODEL ID-1000 INERT ATMOSPHERE OVEN, Serial No. 770013
for annealing copper foil parts

- maximum operating temperature: 1000°F
- workspace dimensions: 36" wide x 48" deep x 36" high
- 36 KW installed in Incoloy sheathed tubular heating elements
- 2000 CFM, 2-HP recirculating blower providing universal airflow
- 8" thick insulated walls comprised of 2" of 1900°F block and 6" of 10 lb./cf density rockwool
- aluminized steel interior and exterior
- 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, positive latching door hardware, adjustable offset door hinges, outlet with pressure relief, interior seams welded gas-tight, all wall penetrations fitted with compression fittings

- 975 CFM blower with automatic dampers to pull air through air jacket on inner oven for cooling
- Partlow MCR 7000 recording and programming temperature controller
- structural steel base to raise roller rails to 20" loading height
- fused disconnect switch
- roller rails on bottom of workspace for 2000 lb. load
- quick purge system including 1200 SCFH flow meter and solenoid to open outlet

