

CLEAN ROOM OVEN, Serial No. 122118A0418 for final cure of hardcoated optical lenses

- maximum operating temperature: 350F
- workspace dimensions: 54" wide x 63" deep x 72" high
- 60 kW installed in Incoloy sheathed tubular heating elements
- 6000 CFM, 5-HP recirculating blower providing horizontal airflow
- 6" insulated walls
- humidity controlled including dew point sensor and steam humidifier
- aluminized steel exterior
- Type 304, 2B finish stainless steel interior with continuously backwelded seams
- exterior finished with white epoxy paint
- #4 brushed finish stainless steel door cover
- safety equipment for handling flammable solvents (including explosion venting door hardware)

- 325 CFM powered forced exhauster
- motorized damper on exhaust for accelerated cooling
- 24" x 24" x 6" thick HEPA fresh air filter with 2" prefilter
- four (4) 30" x 24" x 12" thick stainless steel high temperature HEPA recirculating filters
- mini-helic pressure gauge across recirculation filters
- NFPA 79 electrical construction including NEMA 12 control panel and rigid conduit
- digital programming temperature controller to control temperature and humidity
- manual reset excess temperature interlock with separate contactors
- SCR power controller
- 8" x 10" double pane Pyrex window
- interior oven light
- circuit breaker disconnect switch

