



SPECIFICATION

LASTI Bake Oven Requirements

APPROVALS	DATE	REV	DCN NO.	BY	CHECK	DCC	DATE
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LASTI BAKE OVEN REQUIREMENTS

For cleaning prototype LASTI components the oven requirements are:

- Minimum Interior Dimensions: 48" W x 48"D x 60"H
- Three phase 230v /AC
- Aluminized steel interior
- Mild steel exterior, powder paint or enamel
- 4" – 5" thick wall insulation, 2"/3" thick floor insulation
- Horizontal, re-circulating air flow.
- Air inlet flow to pass through HEPA filters to remove particles, filter efficient to 0.3 micron particles.
- Adjustable air exhaust outlet with HEPA filter (0.3 micron)
- Temperature range + 120° F to ~ 500° F
- Temperature control adjustable in 5° F increments
- Temperature uniformity +/- 12° F at set point
- Timer to shut down heat at the end of process
- High temperature limit protection
- Work space thermocouples exit port
- Nickel plated wire shelves (2) to support 100 lbs uniformly distributed load capacity
nickel plated wire shelves
- Several shelf positions at ~ 2" increments /and or attachment points for horizontal bars for wire suspension of parts