

APPLICATIONS: Energy & Power Generation | Glass & Ceramics Manufacturing | Materials Science & Research Labs | Universities & Educational Institutions



Features

- **Advanced Temperature Control:** With a wide temperature range from 0 to 800°C, the Model 125 ensures precise annealing for a variety of applications. Achieve optimal results with a consistent heat distribution throughout the oven.
- **Best in Class Process Controller:** the updated user interface ensures precise temperature accuracy, multi-loop control, and custom programming. Its intuitive touch-screen interface, real-time data logging, and flexible I/O options provide reliable control for demanding applications.
- **Innovative Bell-Type Design:** The entire oven raises, retaining heat within the chamber and minimizing exposure to excessive heat for the operator. This design not only enhances safety but also conserves energy.
- **Spacious and Accessible:** Inside dimensions (22" wide x 13" deep x 12" high) provide ample space for your materials. The unobstructed oven bed allows for easy positioning and handling of materials.
- **Efficient Operation:** Reach the borosilicate annealing point of 585°C in just one hour. The control panel offers multiple modes, that are customizable and can provide data trend reports for each cycle. Modes include but are NOT limited to "HOLD" setting for maintaining constant temperatures and an "UP & Off" setting for automatic shut-off.
- **Effortless Handling:** The precision-balanced counterweight system ensures smooth and effortless raising and lowering of the oven, making it easy to access your work.

Standard Model 125 Specifications

- **Oven Dimensions:** 22 x 13 x 12 in (L x D x H)
- **Area Required When Installed:** 31 x 26 x 59 in
- **Temperature Range:** 0-800°C (+/- 1°)
- **Time to Annealing Temp:** 50-60 minutes (workload dependent)
- **Power Requirements:** Single Phase, 208/230 volts, 15 amps (Other voltages available; please specify)
- **Control Features:** Offers one to four channels of control, multiple PID sets, 40 ramp and soak profiles with real-time clock and battery backup
- **Regulation Compliance:** The advanced controls on Model 125 provide the ability for a user to export run cycle data for higher levels of documentation for compliance standards such as (CFR) Title 21 Part 11, if required
- **Weight:** Crated Weight: 750 lbs. Uncrated Weight: 700 lbs.
- **Agency Approvals:** NEMA 1 panel with all contactors and controls inside. UL®/EN 61010 Listed, File E185611 QUXX, UL® 508 Reviewed & CSA CC.C#14, File 158031



Content and specifications on sell sheets subject to change without notice.

Scan to see a full specification, installation, and agency certification information

