

Gruenberg Industrial Ovens

Bench Ovens

Gruenberg Oven Company designs and manufactures a complete line of standard as well as custom bench ovens to accommodate a variety of thermal processing applications. Bench ovens are designed to reach temperatures up to 1200° Fahrenheit and are ideal for general lab work, component testing, aging, core hardening, drying, or preheating. And, with additional options, they can also be used for applications such as paint baking, plastic curing, varnish baking, sterilizing, rubber and epoxy curing, textile drying, stress relieving, and annealing.

Features

- Heavy-duty, fully-welded, structural steel frame
- CHIL construction ensures minimal heat transfer from oven chamber to the exterior
- Side and back walls are removable for easy clean-up and maintenance.
- Doors are constructed using a structural steel frame to ensure sealing integrity
- Insulation is moisture-proof, non-combustible, non-settling, and asbestos-free
- Energy-efficient, Incoloy® sheathed, seamless tubular heaters are standard
- Heating elements are suspended in the plenum adjacent to, but separate from the process chamber so there is no radiant influence on the work in process.
- All bench ovens feature a high volume compound horizontal airflow system to ensure uniform heat distribution while optimizing heating and drying efficiencies.



Gruenberg

Greunberg Bench Ovens

Temperature to 450°F					
Capacity ft ³	Max. Temp.	Airflow	Int. Dimensions W" x D" x H"	Shipping Weight	Model Number
4.6	450	Horizontal	20 x 20 x 20	300	B45H46
10	450	Horizontal	26 x 26 x 26	370	B45H100
15.6	450	Horizontal	30 x 30 x 30	570	B45H156
27	450	Horizontal	36 x 36 x 36	900	B45H270
Temperature to 650°F					
10	650	Horizontal	26 x 26 x 26	390	B65H100
15.6	650	Horizontal	30 x 30 x 30	600	B65H156
27	650	Horizontal	36 x 36 x 36	950	B65H270
Temperature to 800°F					
4.6	800	Comp. Horiz.	20 x 20 x 20	450	B80C46
10	800	Comp. Horiz.	26 x 26 x 26	550	B80C100
15.6	800	Comp. Horiz.	30 x 30 x 30	800	B80C156
27	800	Comp. Horiz.	36 x 36 x 36	1100	B80C270
Temperature to 1000°F					
4.6	1000	Comp. Horiz.	20 x 20 x 20	450	B100C46
10	1000	Comp. Horiz.	26 x 26 x 26	550	B100C100
15.6	1000	Comp. Horiz.	30 x 30 x 30	800	B100C156
27	1000	Comp. Horiz.	36 x 36 x 36	1100	B100C270
Temperature to 1200°F					
4.6	1200	Comp. Horiz.	20 x 20 x 20	450	B120C46
10	1200	Comp. Horiz.	26 x 26 x 26	605	B120C100
15.6	1200	Comp. Horiz.	30 x 30 x 30	880	B120C156
27	1200	Comp. Horiz.	36 x 36 x 36	1210	B120C270

- All specifications are subject to change without notice -



10 ft³ standard bench oven modified with optional pneumatic vertical lift door and optional stand



27ft³
1200°F
bench oven with
optional recorder
and stand