



Blue M

Lab Ovens

Blue M Lab Ovens - LO Series Mechanical Convection

Designed for laboratory applications such as moisture drying, curing, baking, aging and general testing. These convection ovens feature an excellent balance of value and features. The ovens have been designed for convenience and appearance in the workplace and include ergonomic handles and controls, with a powder coated steel exterior. Components are high quality, to ensure for years of reliable service.

▶ Designed for testing to many standards, including JB/T5520-91.2 Configurations available

Economy Model

- Timer Standard

Premium Model

- Programmable Temperature Controller
- 2" Port



These ovens cannot be used with any volatile or hazardous materials.

▶ **Features**

- Stainless steel interior with powder coated exterior for durability
- Horizontal air flow allows for tighter temperature uniformity
- Adjustable shelving provides flexible workspace configuration
- 2 perforated shelves for increased air flow and uniformity
- Independent and adjustable over-temperature protection provides extra assurance against damage to load and oven

Blue M Lab Ovens - LO Series Mechanical Convection

Lab ovens by Blue M are designed for laboratory applications such as moisture drying, curing, baking, aging and general testing. These reliable lab ovens feature an excellent balance of value and features. The LO series lab ovens have been designed for convenience and appearance in the workplace and include ergonomic handles and controls, with a powder coated steel exterior. Components for all our Blue M lab ovens are high quality, to ensure for years of reliable service.

These ovens cannot be used with any volatile or hazardous materials.

Designed for testing to many standards, including JB/T5520-91.



2 Lab Oven Configurations available

Economy Lab Oven Model

⊕ Timer Standard



Technical Equipment Sales Inc.

Arizona Office

Gary Carlin
15811 Palisades Blvd.
Fountain Hills AZ 85268
PH: 480.816.1514
Mobil: 480.816.1590
gcarlin@techequipsales.com

Technical Equipment Sales Inc.
Manufacturers Representatives

Colorado Office

Mike Crowe
PO Box 281
Severance CO 80548
PH: 970.674.1799
Mobil: 303.809.5556
mcrowe@techequipsales.com

<i>Model</i>	<i>LO-27</i>	<i>LO-90</i>	<i>LO-136</i>	<i>LO-225</i>	<i>LO-430</i>	<i>LO - 850</i>
Interior Dimensions W x D x H	300 x 300 x 300mm 11.8 x 11.8 x 11.8in	450 x 450 x 450mm 17.7 x 17.7 x 17.7in	550 x 450 x 550mm 21.6 x 17.7 x 21.6in	600 x 500 x 750mm 23.6 x 19.6 x 29.5in	520 x 660 x 1300mm 20.5 x 26 x 51.2in	790 x 710 x 1450mm 31.1 x 28 x 57.1in
Exterior Dimensions W x D x H	500 x 540 x 795mm 19.7 x 21.3 x 31.3in	650 x 690 x 945mm 25.6 x 27.2 x 37.2in	750 x 690 x 1045mm 29.5 x 27.2 x 41.1in	800 x 740 x 1245mm 31.5 x 29.1 x 49in	750 x 850 x 1860mm 29.5 x 33.5 x 73.2in	1020 x 900 x 2010mm 40.2 x 35.4 x 79.1in
Workspace	0.95 cu. ft.	3.2 cu. ft.	4.8 cu. ft.	7.9 cu. ft.	15 cu. ft.	30 cu. ft.
Heating Method	Mechanical Convection					
Air Flow	Horizontal					
Interior Material	Stainless Steel					
Temp. Range	Ambient +20°F to +500°F Ambient +10°C to +260°C					
Temp. Uniformity	≤ ± 3°C					
Control Tolerance	≤ ± 1°C					
Heating Rate	≤ 100min (Ambient Temp. to Max Temp.)					
Control Interface	High Quality Digital PID Temp. Controller					
Temp. Control Mode	Set Point Operation					
Power Supply	115V 1Ph 60Hz	115V 1Ph 60Hz	230V 1Ph 60Hz	230V 1Ph 60Hz	230V 1Ph 60Hz	230V 1Ph 60Hz
Power	1.2KW	1.5KW	2KW	3KW	7KW	11KW
Casters	No	No	No	No	No	No

All specifications are subject to change without notice. These ovens cannot be used with any volatile or hazardous materials.

► Options

- Additional perforated shelves

► Performance

- Heating Method: Mechanical Convection
- Airflow: Horizontal
- Temperature Uniformity: Less than or equal to +/- 3°C
- Temperature Fluctuation: Less than or equal to +/- 1°C
- Heating Rate: Less than or equal to 100 Minutes from Ambient to Max. Temp.
- Control Interface: High quality digital PID temperature controller
- Temperature Control Mode: Set point operation