

Inert Gas Ovens

Blue M Inert Gas convection oven is ideal for a number of laboratory and industrial oven applications, including moisture drying, epoxy curing, and aging of electronic components and devices. These ovens offer great performance of non-hazardous materials.

Equipment Specifications

- Temperature Range: Ambient to 250°C
- Cleanliness: Class 100
- Temperature Stability $\pm 0.5^\circ\text{C}$
- Temperature uniformity: $\pm 1.0\%$ of set point
- Oxygen Concentration <20PPM
- Nitrogen Flow Regulation: 10L – 60L/min Manual Adjustment. Max pressure of control valve 0.5MPa
- Forced convection
- Over temperature protection
- Inner oven made from SUS #304 mirror stainless steel
- Exterior constructed of painted cold rolled steel
- Ramp rate of 15°C / minutes average



Model	Interior (W x H x D)	Exterior (W x H x D)	Liters	Cubic Ft	Heater kW	Amp	Voltage	Temperature Range
CO110	650mm * 700mm * 600mm (25.59" * 27.56" * 23.62")	950mm * 1365mm * 1230mm (37.4" * 53.74" * 48.43")	273	9.64	4KW	8A	380/3/50	Ambient - 250° C
CO118	700mm * 900mm * 800mm (27.56" * 35.43" * 31.5")	1000mm * 1560mm * 1430mm (39.37" * 61.42" * 56.3")	504	17.8	7KW	14A	380/3/50	Ambient - 250° C
CO132	1300mm * 1000mm * 700mm (51.18" * 39.37" * 27.56")	1600mm * 1665mm * 1330mm (62.99" * 65.55" * 52.36")	910	32.14	10.50KW	21.5A	380/3/50	Ambient - 250° C



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