

A010 : Laboratory ovens

STANDARDS: EN 932-5 | EN 1097-5 | ASTM C127, C136, D558, D559, D560, D698, D1557, D1559 | BS 1377 :1, 1924 :1 | UNE 103300



This range of laboratory ovens is designed to perform demanding thermal treatment in compliance with Standards. They are especially suitable when high temperature uniformity and precision inside the chamber are required. A temperature accuracy of $\pm 0.3\%$ and a uniformity of $\pm 2\%$ make this oven the best on the market. The interior chamber and the grid shelves are stainless steel made while outside casing is in metal sheet, powder coated in gray.

A sturdy double walled structure with 60 mm thick rock wool (complete lack of asbestos) and silicone gasket assure a strong thermal insulation. High-precision digital microprocessor temperature controllers fitted with self-tuning and manual PID setting allow a high temperature uniformity and accuracy reducing the energy consumption. The oven is equipped with a thermomagnetic protection and OTP (over temperature protection) to prevent accidental over-temperatures, and ensure safe working conditions. The oven is supplied complete with two grid shelves easily removable and positionable at various heights, with a pilot light and exhaust holes for fast cooling.

Power supply: 230V 50Hz 1ph, 400V 50Hz 3ph (for A010-02)



MAIN FEATURES

- Forced ventilation airflow.
- 300 °C maximum temperature.
- High temperature (uniformity $\pm 2\%$ and precision ± 0.3 °C) fully compliant with Standards.
- Air outlet control by valves manually operated.
- Regulation of fan speed (0-100%).
- High quality thermoinsulation material.
- Double over heat protection system.
- Low power consumption.
- Stainless steel chamber and trays with silicone gasket.
- PID electronic regulator, double digital display.

Model	Capacity (L)	Inside dimensions (mm) LxDxH	Outside dimensions (mm) LxDxH	Doors (n°)	Wattage (kW)	Weight (kg)	Spare grid shelf stainless steel
A010	120	500x400x580	750x780x880	1	2.2	70	A010-11
A010-01	220	730x500x620	930x880x915	1	4	102	A010-12
A010-02	420	1001x469x863	1248x890x1227	2	6.2	155	A010-13