

AL01-33-100

Drying Oven - 220 liters, 300°C

"Sustainable European quality with wide range of applications."

Especially designed for thermal treatment such as drying, heating, thermal testing, and aging in an air-flow environment. Forced air convection allows a homogenous temperature distribution during all process, which ensures optimal results



FEATURES:

- Forced air convection allows a homogenous temperature distribution during all process, which ensures optimal results
- High-precision digital microprocessor
- 304 stainless steel interior equipped with 3 perforated shelves
- Outside casing in metal sheet, powder painting grey RAL7035
- Temperature setting with degree accuracy
- PID electronic regulator, double digital display reference temperature and measured temperature
- Adjustable ventilation hole
- Door opening on the right, inner door in stainless steel, silicon joint.

TECHNICAL SPECIFICATION

Size (Liter)	220l
Door	Right Hinge
Temperature °C	Ambient +10 to 300
Forced Air Convection	2 Air fan (horizontal airflow)
Number of shelves	3 (max 7)
Non concentrated load of one shelf	15 kg
Total limiting load	50 kg
Spatial temperature deviation °C	± 1,3
at 100°C	
at 200°C	± 2,0
at 300°C	± 2,5
Temperature stability	± 0,3
Maximum Heating up time (without charge):	30 min
Interior dimensions (W × D× H)	730 x 500 x 620 mm
Exterior dimensions (W × D× H)	930 x 880 x 915 mm
Net weight incl. trays	102 kg
Total weight incl. Packaging	approx. 230 kg
Packing dimensions (W × D× H)	1050 x 1070 x 1130 mm
Exploitation class (EN60529)	IP20
Rated power maximum (KW)	4
Number of phases	1
Voltage +/- 10%) 50Hz (V)	230
Colour	Powder painting grey RAL7035

OPTIONS

Code	Description
AL01-30-160	Buzzer
AL01-30-161	Timer
AL01-30-162	Over temperature protection
AL01-30-163	Interface RS 232 or 485
AL01-30-164	PC connection and computer software 12V.1
AL01-30-165	Metal tray (box) for samples treatment
AL01-30-166	Fan speed controller 20L, 60L, 120L