

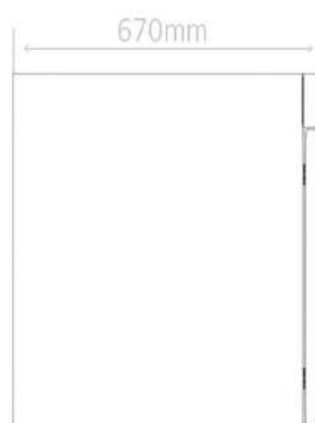
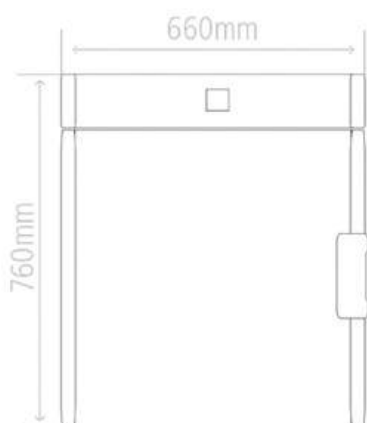
# DRYING OVEN DO 120 - Digital Display



## Important Features

- Air forced convection
- 7 segment digital display
- Programmable PID microprocessor control system.
- Programmable temperature and timer function
- Ambient temperature +20 °C to 300 °C
- Temperature homogeneity and stability accordance to DIN 12880.
- automatic thermostatic protection
- automatic adjustable ventilation
- 2 chrome-plated racks
- functional stainless steel AISI 304 interior chamber
- 2 years guarantee worldwide

## Dimensions



## Technical Specifications

### Temperature

<b>Working temperature range</b>	min. +20°C ambient up to +300°C
<b>Temperature fluctuation</b>	0.1°C
<b>Temperature accuracy</b>	± 0.3 % (Over full scale)
<b>Temperature unit</b>	easy to choose Celsius or Fahrenheit
<b>Temperature sensor</b>	1 Pt100 sensor DIN class A in 2-wire-circuit

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## Control technology

<b>Language setting</b>	English as default language
<b>Control</b>	Adaptive multifunctional digital PID-microprocessor controller
<b>Display</b>	4 digits, 7 segment digital display
<b>Timer</b>	Digital backward counter to target time setting
<b>Timer control</b>	Adjustable from 1 minute to 99:59 hour or continues
<b>Delay timer</b>	Programmable time delay function
<b>Function set point wait</b>	The timer does not start until the set temperature reached to the set point
<b>Adjustable parameter</b>	Temperature and time, automatic fan adjustable

## Standard equipment

<b>Door</b>	Fully insulated stainless steel door with door lock
<b>Calibration certificate</b>	calibration certificate at +100°C (optional)
<b>Interior</b>	easy-to-clean interior made of stainless steel AISI 304 on all sides
<b>Gasket</b>	synthetic rubbers gasket
<b>Housing</b>	Electrostatic powder coated galvanized steel
<b>Insulation</b>	Fully isolated chamber by Rockwool covered by aluminum sheet to ensure high temperature stability
<b>Emergency knob</b>	Manual knob in case of emergency
<b>External dimensions</b>	660 (W) X 670 (D) X 760 (H) mm
<b>Shelves</b>	2-shelves chrome plated

## Interior

<b>Internal dimensions</b>	500 (W) X 500 (D) X 500 (H) mm
<b>Chamber</b>	Easy to clean Stainless steel material no.: EN 1.4301 (AISI 304)
<b>Useful volume</b>	120 litter
<b>Standard shelves</b>	2-shelves chrome plated
<b>Max. number of shelves</b>	11
<b>Permitted load</b>	170 Kg
<b>Load per shelve</b>	15 Kg

## Ventilation

<b>Fan</b>	forced air circulation by quiet air turbine automatically adjustable
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## Safety

<b>Auto diagnostic system</b>	Audible alarm for fault analysis
<b>Alarm</b>	audible, can be switched off, adjustable limit on the independent temperature safety device
<b>Standards</b>	integrated independent temperature safety device with visual alarm accordance DIN 12880 EN 61010-1, EN 61010-2-010 in accordance EU directive 2014/35/EU DIN EN 61326-1:213, EN 61326-1 in accordance EU directive 2014/30/EU

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<b>Class</b>	class I in accordance with the EU directive MDD 93/42/EEC
<b>Protection Class</b>	IP20 according to EN 60529

## working conditions

<b>Installation</b>	The distance between the wall and the rear of the appliance must be at least 15 cm. The sides distance must be not less than 5 cm. the distance from the ceiling must not be less than 20 cm
<b>Temperature</b>	+5 °C to +55 °C
<b>Humidity</b>	Max. 80% rh

## Electrical data

<b>Voltage</b>	230 volts , 50/60Hz
<b>Watt</b>	1500 watt

\* Other voltages available on request

## Shipping information

<b>Customs tariff number</b>	8419 8998
<b>Dimensions approx incl. carton</b>	770 (W) X 780 (D) X 960 (H) mm
<b>Net weight</b>	50 Kg
<b>Gross weight carton</b>	60 Kg

## Order information

Description	Model	Article number
Drying oven 120 Lt - Digital display - AMBIENT TEMPERATURE: +20 °C to 300 °C - 230V,50/60Hz	DO 120	3122.300

\* Other voltages available on request