



OVEN CATALOGUE

For science, industry and quality assurance



Universal Drying oven medical device

DAGLAB Universal drying oven is a class I medical device in accordance with the EU directive 93/42/EEC with a high level of protection and attaining the highest levels of performance



High quality stainless steel

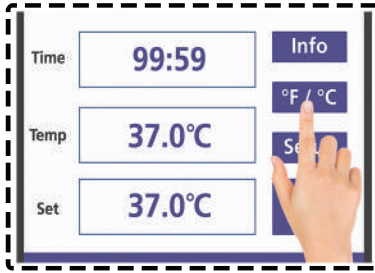
This technologically masterpiece is made of high quality stainless steel material no. EN 1.4301 (AISI 304) which is the standard austenitic chromium-nickel stainless steel with high corrosion resistance and easy to clean



Oven for Universal labs

DRAGLAB oven with high level of quality and reliability to meet various requirements for drying, sterilization and heating applications. These innovative ovens specially designed to meet the high temperature requirements in the laboratory

For science, industry and quality assurance



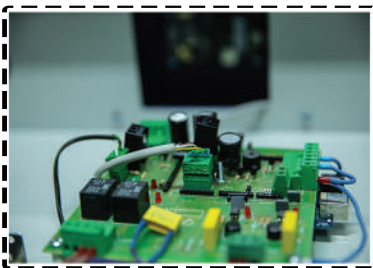
Touch and Go

Thanks for PID microprocessor controller technology gives this oven range excellent temperature setting through INTUITIVE NEW TOUCH SCREEN adopted to display target and actual temperatures in real time with user-friendly software. Also available with 7 Segment Digital Display.



Timed Temperature control

Exactly timed temperature control function guarantees that the timer does not start before the temperature reached at set temperature point within resolution 0.1°C and Accuracy within $\pm 0.3\%$ at Over full scale. In additional selectable time delay function.



Automatically controlled heating technology

Unique heating system optimally geared for forced air circulation with automatically ventilation control system to ensure homogeneous environment depending on the intended use with super heat protection and precision. Each individual device complies with strict requirements of DIN 12880.

WIDE RANGE OF APPLICATIONS

DRAGLAB heating chambers meet the requirements for a scientific laboratory, research labs, and industry and quality assurance. with their outstanding temperature accuracy, homogeneous heat distribution, and residue-free drying being the most impressive highlights. Characterized by a robust and durable stainless steel chamber, these laboratories appliances also comply with key safety standards.

All parts of DRAGLAB heating chambers are easy to clean to reducing the risk of undesirable contamination to a minimum. With DRAGLAB laboratory equipment, you can rest safe in the knowledge that you will be getting top quality and ease of operation. They adjusted precisely to suit different tasks and projects. Consistent test conditions provide high levels of process reliability. The extensive choice of program functions makes these heating chambers suitable for a wide range of applications within industry, science, and research.

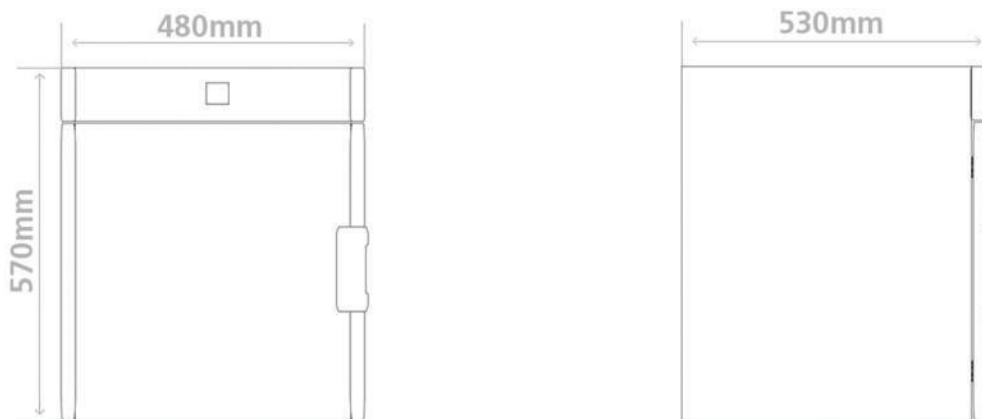
DRYING OVEN DO 30 - Digital Display



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

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

Control technology

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

Standard equipment

Door	Fully insulated stainless steel door with door lock
Calibration certificate	calibration certificate at +100°C (optional)
Interior	easy-to-clean interior made of stainless steel AISI 304 on all sides
Gasket	synthetic rubbers gasket
Housing	Electrostatic powder coated galvanized steel
Insulation	Fully isolated chamber by Rockwool covered by aluminum sheet to ensure high temperature stability
Emergency knob	Manual knob in case of emergency
External dimensions	480 (W) X 530 (D) X 570 (H) mm
Shelves	2-shelves chrome plated

Interior

Internal dimensions	350 (W) X 300 (D) X 340 (H) mm
Chamber	Easy to clean Stainless steel material no.: EN 1.4301 (AISI 304)
Useful volume	32 litter
Standard shelves	2-shelves chrome plated
Max. number of shelves	5
Permitted load	75 Kg
Load per shelve	15 Kg

Ventilation

Fan	forced air circulation by quiet air turbine automatically adjustable
------------	----------------------------------------------------------------------

Safety

Auto diagnostic system	Audible alarm for fault analysis
Alarm	audible, can be switched off, adjustable limit on the independent temperature safety device
Standards	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

DRYING OVEN DO 30 - Digital Display

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

working conditions

Installation	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
Temperature	+5 °C to +55 °C
Humidity	Max. 80% rh

Electrical data

Voltage	230 volts , 50/60Hz
Watt	1500 watt

* Other voltages available on request

Shipping information

Customs tariff number	8419 8998
Dimensions approx incl. carton	570 (W) X 610 (D) X 680 (H) mm
Net weight	35 Kg
Gross weight carton	40 Kg

Order information

Description	Model	Article number
Drying oven 32 Lt - Digital display - AMBIENT TEMPERATURE: +20 °C to 300 °C - 230V,50/60Hz	DO 30	3031.300

* Other voltages available on request

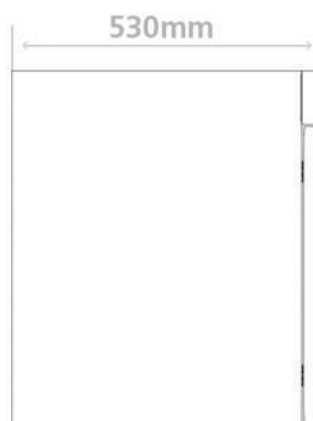
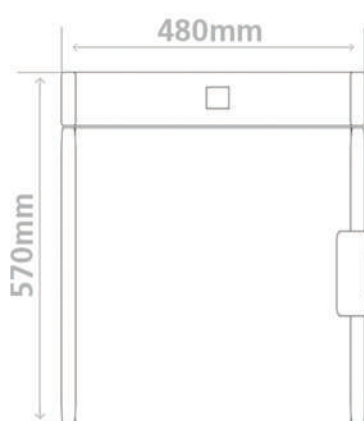
DRYING OVEN DO 30 - Touch Screen Display



Important Features

- Air forced convection
- Initiative Touch screen display with user-friendly software
- 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

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

Control technology

Language setting	English as default language
Control	Adaptive multifunctional digital PID-microprocessor controller
Display	Initiative Touch screen display with user-friendly software
Timer	Digital backward counter to target time setting
Timer control	Adjustable from 1 minute to 99:59 hour or continues
Delay timer	Programmable time delay function
Function set point wait	The timer does not start until the set temperature reached to the set point
Adjustable parameter	Temperature and time, automatic fan adjustable

Standard equipment

Door	Fully insulated stainless steel door with door lock
Calibration certificate	calibration certificate at +100°C (optional)
Interior	easy-to-clean interior made of stainless steel AISI 304 on all sides
Gasket	synthetic rubbers gasket
Housing	Electrostatic powder coated galvanized steel
Insulation	Fully isolated chamber by Rockwool covered by aluminum sheet to ensure high temperature stability
Emergency knob	Manual knob in case of emergency
External dimensions	480 (W) X 530 (D) X 570 (H) mm
Shelves	2-shelves chrome plated

Interior

Internal dimensions	• 350 (W) X 300 (D) X 340 (H) mm
Chamber	Easy to clean Stainless steel material no.: EN 1.4301 (AISI 304)
Useful volume	32 litter
Standard shelves	2-shelves chrome plated
Max. number of shelves	5
Permitted load	75 Kg
Load per shelve	15 Kg

Ventilation

Fan	forced air circulation by quiet air turbine automatically adjustable
------------	----------------------------------------------------------------------

Safety

Auto diagnostic system	Audible alarm for fault analysis
Alarm	audible, can be switched off, adjustable limit on the independent temperature safety device
Standards	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

DRYING OVEN DO 30 - Touch Screen Display

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

working conditions

Installation	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
Temperature	+5 °C to +55 °C
Humidity	Max. 80% rh

Electrical data

Voltage	230 volts , 50/60Hz
Watt	1500 watt

* Other voltages available on request

Shipping information

Customs tariff number	8419 8998
Dimensions approx incl. carton	570 (W) X 610 (D) X 680 (H) mm
Net weight	35 Kg
Gross weight carton	40 Kg

Order information

Description	Model	Article number
Drying oven 32 Lt - touch Panel display - AMBIENT TEMPERATURE: +20 °C to 300 °C - 230V,50/60Hz	DO 30	3031.000

* Other voltages available on request

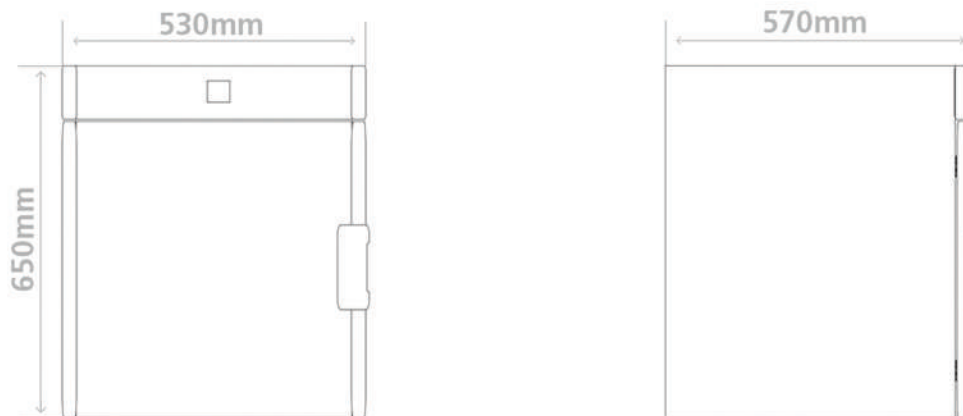
DRYING OVEN DO 55 - Digital Display



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

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

Control technology

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

Standard equipment

Door	Fully insulated stainless steel door with door lock
Calibration certificate	calibration certificate at +100°C (optional)
Interior	easy-to-clean interior made of stainless steel AISI 304 on all sides
Gasket	synthetic rubbers gasket
Housing	Electrostatic powder coated galvanized steel
Insulation	Fully isolated chamber by Rockwool covered by aluminum sheet to ensure high temperature stability
Emergency knob	Manual knob in case of emergency
External dimensions	530 (W) X 570 (D) X 650 (H) mm
Shelves	2-shelves chrome plated

Interior

Internal dimensions	400 (W) X 410 (D) X 400 (H) mm
Chamber	Easy to clean Stainless steel material no.: EN 1.4301 (AISI 304)
Useful volume	120 litter
Standard shelves	2-shelves chrome plated
Max. number of shelves	8
Permitted load	110 Kg
Load per shelve	15 Kg

Ventilation

Fan	forced air circulation by quiet air turbine automatically adjustable
------------	----------------------------------------------------------------------

Safety

Auto diagnostic system	Audible alarm for fault analysis
Alarm	audible, can be switched off, adjustable limit on the independent temperature safety device
Standards	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

DRYING OVEN DO 55 - Digital Display

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

working conditions

Installation	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
Temperature	+5 °C to +55 °C
Humidity	Max. 80% rh

Electrical data

Voltage	230 volts , 50/60Hz
Watt	1500 watt

* Other voltages available on request

Shipping information

Customs tariff number	8419 8998
Dimensions approx incl. carton	620 (W) X 640 (D) X 750 (H) mm
Net weight	45 Kg
Gross weight carton	55 Kg

Order information

Description	Model	Article number
Drying oven 55 Lt - Digital display - AMBIENT TEMPERATURE: +20 °C to 300 °C - 230V,50/60Hz	DO 55	3051.300

* Other voltages available on request

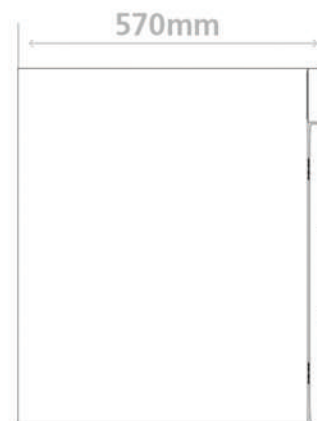
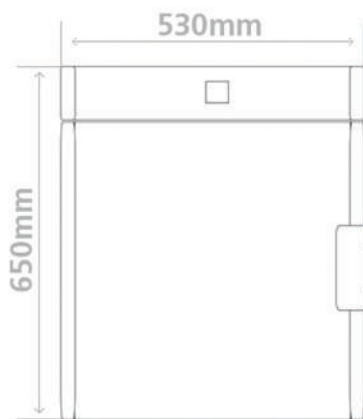
DRYING OVEN DO 55 - Touch Screen Display



Important Features

- Air forced convection
- Initiative Touch screen display with user-friendly software
- 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

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

DRYING OVEN DO 55 - Touch Screen Display

Control technology

Language setting	English as default language
Control	Adaptive multifunctional digital PID-microprocessor controller
Display	Initiative Touch screen display with user-friendly software
Timer	Digital backward counter to target time setting
Timer control	Adjustable from 1 minute to 99:59 hour or continues
Delay timer	Programmable time delay function
Function set point wait	The timer does not start until the set temperature reached to the set point
Adjustable parameter	Temperature and time, automatic fan adjustable

Standard equipment

Door	Fully insulated stainless steel door with door lock
Calibration certificate	calibration certificate at +100°C (optional)
Interior	easy-to-clean interior made of stainless steel AISI 304 on all sides
Gasket	synthetic rubbers gasket
Housing	Electrostatic powder coated galvanized steel
Insulation	Fully isolated chamber by Rockwool covered by aluminum sheet to ensure high temperature stability
Emergency knob	Manual knob in case of emergency
External dimensions	530 (W) X 570 (D) X 650 (H) mm
Shelves	2-shelves chrome plated

Interior

Internal dimensions	400 (W) X 410 (D) X 400 (H) mm
Chamber	Easy to clean Stainless steel material no.: EN 1.4301 (AISI 304)
Useful volume	120 litter
Standard shelves	2-shelves chrome plated
Max. number of shelves	8
Permitted load	110 Kg
Load per shelve	15 Kg

Ventilation

Fan	forced air circulation by quiet air turbine automatically adjustable
------------	----------------------------------------------------------------------

Safety

Auto diagnostic system	Audible alarm for fault analysis
Alarm	audible, can be switched off, adjustable limit on the independent temperature safety device
Standards	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

DRYING OVEN DO 55 - Touch Screen Display

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

working conditions

Installation	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
Temperature	+5 °C to +55 °C
Humidity	Max. 80% rh

Electrical data

Voltage	230 volts , 50/60Hz
Watt	1500 watt

* Other voltages available on request

Shipping information

Customs tariff number	8419 8998
Dimensions approx incl. carton	620 (W) X 640 (D) X 750 (H) mm
Net weight	45 Kg
Gross weight carton	55 Kg

Order information

Description	Model	Article number
Drying oven 55 Lt - touch Panel display - AMBIENT TEMPERATURE: +20 °C to 300 °C - 230V,50/60Hz	DO 55	3051.000

* Other voltages available on request

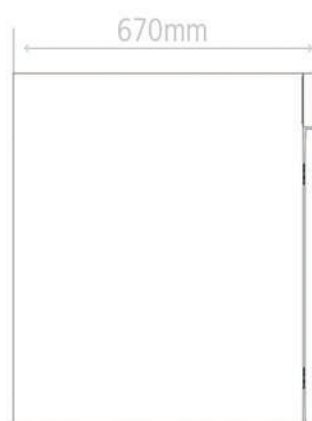
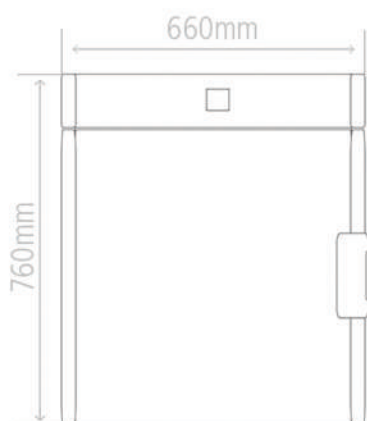
DRYING OVEN DO 120 - Digital Display



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

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

DRYING OVEN DO 120 - Digital Display

Control technology

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

Standard equipment

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

Interior

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

Ventilation

Fan	forced air circulation by quiet air turbine automatically adjustable
------------	----------------------------------------------------------------------

Safety

Auto diagnostic system	Audible alarm for fault analysis
Alarm	audible, can be switched off, adjustable limit on the independent temperature safety device
Standards	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

DRYING OVEN DO 120 - Digital Display

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

working conditions

Installation	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
Temperature	+5 °C to +55 °C
Humidity	Max. 80% rh

Electrical data

Voltage	230 volts , 50/60Hz
Watt	1500 watt

* Other voltages available on request

Shipping information

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

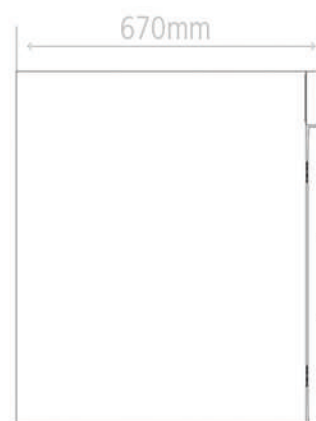
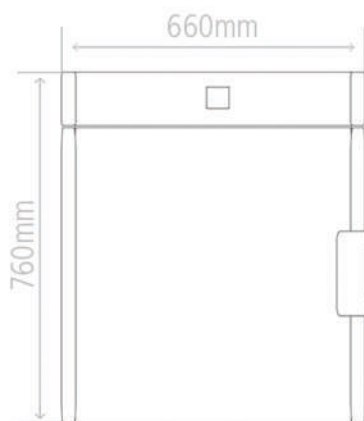
DRYING OVEN DO 120 - Touch Screen Display



Important Features

- Air forced convection
- Initiative Touch screen display with user-friendly software
- 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

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

Control technology

Language setting	English as default language
Control	Adaptive multifunctional digital PID-microprocessor controller
Display	Initiative Touch screen display with user-friendly software
Timer	Digital backward counter to target time setting
Timer control	Adjustable from 1 minute to 99:59 hour or continues
Delay timer	Programmable time delay function
Function set point wait	The timer does not start until the set temperature reached to the set point
Adjustable parameter	Temperature and time, automatic fan adjustable

Standard equipment

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

Interior

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

Ventilation

Fan	forced air circulation by quiet air turbine automatically adjustable
------------	----------------------------------------------------------------------

Safety

Auto diagnostic system	Audible alarm for fault analysis
Alarm	audible, can be switched off, adjustable limit on the independent temperature safety device
Standards	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

DRYING OVEN DO 120 - Touch Screen Display

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

working conditions

Installation	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
Temperature	+5 °C to +55 °C
Humidity	Max. 80% rh

Electrical data

Voltage	230 volts , 50/60Hz
Watt	1500 watt

* Other voltages available on request

Shipping information

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

Order information

Description	Model	Article number
Drying oven 120 Lt - touch Panel display - AMBIENT TEMPERATURE: +20 °C to 300 °C - 230V,50/60Hz	DO 120	3122.000

* Other voltages available on request