DragLab

Laboratory

Drying Oven



DO 30 (Digital Display)
TO 30 (Touch Screen)
DO 55 (Digital Display)
TO 55 (Touch Screen)
DO 80 (Digital Display)
DO 120 (Digital Display)
TO 120 (Touch Screen)

Connect & Go

Drying oven DO 120 - Digital Display

DRAGLAB innovavedryingovensusedinresearch and industries and medicine for a variety of applicaons, com- bine efficiency and performance with exceponally high levels of precision and short heang-up me features on the list of benefits offered.



Precision Drying Made Easy With DragLab Drying Ovens

DragLab Drying Ovens are the most effecve and reliable devices for precise drying, sterilizaon, and thermal tesng, requiring only a power source for opera on. This process involves circulang heated air within a controlled chamber to remove moisture from samples, ensuring uniform drying and temperature stability. The forced or natural convecon system distributes heat evenly, allowing for consistent and reproducible results across various applica ons. The insulated chamber minimizes heat loss, enhancing efficiency while maintaining a stable working environment. DragLab drying ovens require minimal maintenance, needing only regular cleaning. Proper airflow and temperature se ngs should be adjusted to achieve opmal drying performance.

Applicaon:

- Scien fic and research laboratories
- Industry and quality assurance applica ons
- High-accuracy temperature processes, including homo-
- geneous heat distribu on and residue-free drying
- Contaminaon-free processing, sterilizaon, and safety-
- compliant applicaons
- Reliable and precise laboratory experiments with consistent test conditions
- Versatile laboratory tasks, including media preparation and material testing
- Program-controlled heating for industrial, scientific, and research applications

DragLab

Drying oven DO 120 - Digital Display

Quality and Expertise

DragLab Laboratory Devices are meculously designed and manufactured from high-quality materials to meet the most rigorous requirements of our customers. Our
commitment to excellence and innovaon drives connuous development and improvement, informed by daily usage and ongoing technological advancements. 'Quality and Experse' is not just about creang impressive product designs; it reflects our company's policy of priorizing high preparedness and customer- centric service as our fundamental objecve. This dedicaon extends to all DragLab products, which comply with current European standards and bear the CE mark.

DragLab is cerfied to ISO 9001:2015, reflecng our unwavering commitment to quality and excellence. We connuously opmize our producon processes, ensuring that every step is efficient and effecve. Through ongoing development and innovaon, we strive to meet and exceed industry standards. Our customer-centric approach priorizes the needs and sasfacon of our clients, driving us to maintain rigorous quality assurance protocols. This dedicaon ensures that laboratory equipment manufactured by DragLab consistently meets the highest standards of quality and reliability.

Drying oven DO 120 - Digital Display

DRAGLAB innovative drying ovens used inresearchandindustries and medicine for a variety of applications, combine efficiency and performance with exceptionally high levels of precision and short heating-up time features on the list of benefits offered.



Features:

Venlaon System:
Airflowwithforcedaircirculaonbya fan.

Capacity:
120 li eruseful chamber volume.

Display:
7 segment digital display.

Control:
Programmable PID microprocessor.

Temperature:
Temperaturecontrolrangesfrom+20 °C to 250 °C.

Timer:
Timercontrolrangesfrom1minuteto 99:59 hour or connues.

Internal shelves:
Two standard shelves.

Interior chamber:
FunconalstainlesssteelAISI304.

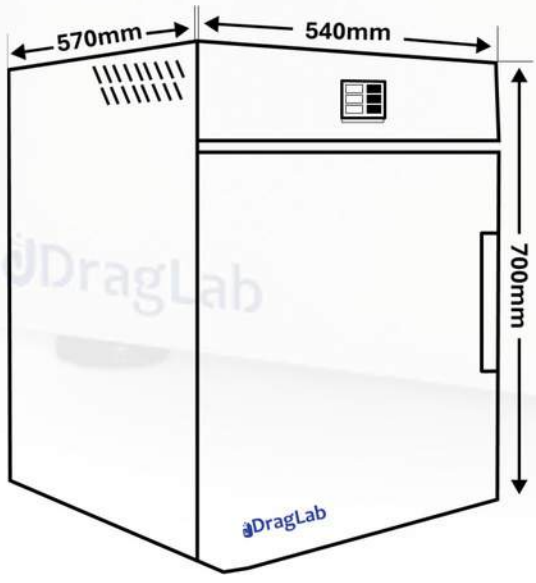
Housing:
Protec on:
Automa cthermosta c protec on.
Electrostacpowder-coatedgalvanized steel.

Temperature homogeneity:
InaccordancewithDIN12880.

Safety:
Europeandirecve2014/35/EUand2014/30/EU.

Warranty:
2 years warranty worldwide.

Dimensions:



Drying oven DO 120 - Digital Display

Specifica ons:

Temperature	
Working temperature range	min. +20°C ambient up to +250°C
Temperature fluctuaon	0.1°C
Temperature accuracy	±0.3 % (Over full scale)
Temperature unit	Easy to choose Celsius or Fahrenheit
Temperature sensor	1Pt100 sensor DIN class A in 2-wire-circuit
Control technology	
Language se ng	English
Control	Adapve mulfunconal digital PID-microprocessor controller
Display	4digits, 7 segments digital display
Timer	Digital backward counter to target me se ng
Timer control	Adjustable from 1 minute to 99:59 hour or connues
Delay mer	Programmable me delay funcon
Funcon set point wait	The mer does not start unl the set temperature reached the set point
Adjustable parameter	Temperature and me, automac fan adjustable
Standard equipment	
Door	Fully insulated stainless steel door with door lock
Calibra on cer ficate	Calibra on cer ficate at +100°C (op onal)
Interior	Easy-to-clean interior made of stainless steel AISI 304 on all sides
Gasket	Synthe c rubbers gasket
Housing	Electrostac powder-coated galvanized steel
Insula on	Fully isolated chamber by Rockwool covered by an aluminum sheet to ensure high-temperature stability
Emergency knob	Manual knob in case of emergency
External dimensions	660 (W) X 670 (D) X 790 (H) mm
Shelves	2-shelves chrome plated
Safety	
Auto diagnosc 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 and EN 61010-2-010 in accordance with EU direcve 2014/35/EU EN 61326-1:213 and EN 61326-1 in accordance with EU direcve 2014/30/EU
Class	Class I electrical equipment in accordance with EU Direcve 2014/35/EU
Protec on Class	IP20 according to EN 60529

Drying oven DO 120 - Digital Display

Specifica ons:

Interior	
Internal dimensions	510 (W) X 470 (D) X 510 (H) mm
Chamber	Easy to clean Stainless steel material no.: EN 1.4301 (AISI 304)
Useful volume	120 li er
Standard shelves	2-shelves chrome plated
Max. number of shelves	11
Permied load	170 Kg
Load per shelve	15 Kg
Venlaon	
Fan	Forced air circulaon by quiet air turbine automacally adjustable
Working condions	
Installaons	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
Wa	1500 wa
Shipping informaon	
Customs tariff number	8419 8998
Dimensions approx. incl. carton	770 (W) X 780 (D) X 960 (H) mm
Net weight	65Kg
Gross weight carton	75Kg

Order Informaon:

*Othervoltagesavailableon request

Descripon	Model	Arcle number
Drying oven 120 Lt - Digital display - AMBIENT TEMPERATURE: +20 ºC to 250 ºC - 230V, 50/60Hz	DO 120	3122.300