DragLab

Laboratory

Incubator

DI 30 (Digital Display)
TI 30 (Touch Screen)
DI 55 (Digital Display)
TI 55 (Touch Screen)
DI 80 (Digital Display)
TI 80 (Touch Screen)
DI 120 (Digital Display)
TI 120 (Touch Screen)

Connect & Go

Incubator DI 55 - Digital Display

DragLabincubator ideal solution for media growth andincubation requirements for research, pharmaceutics, medicine and food chemistry, the forced air heating control system is specially optimized to keep temperature homogenous and exactly at the setpoint value.



Fully controlled environment WithDragLabIncubationsystem

DragLab laboratory incubators has proven its efficiency and accuracy in optimum air circulation inside the fully controlled chamber even when it is fully loaded, all models which presented with different volume sizes are available with an automatized air fan for homogeneous temperature distribution, driven by unique heating system optimally geared to forced air circulation by smart technology to match the intended use. Equipped with a user-friendly software for easy control of many parameters including the temperature and timer. The clear dashboard shows the target and actual display, the status of the device as well as an overview of all events and alarm messages.

Application:

- Clinical microbiology & monitoring
- Biotechnology, cell culture and media preparation
- Testing, analysis and research laboratories
- Microbiology and Bacteriology sample preparation
- Food and beverage production
- Industry and Research
- Cosmetics, skincare products production.
- Pharmaceutical manufacturing and drug formulation.
- Material testing

DragLab

Incubator DI 55 - Digital Display

Quality and Expertise

ISO 9001:2015

DragLab is certified to ISO 9001:2015, reflecting our unwavering commitment to quality and excellence. We continuously optimize our production processes, ensuring that every step is efficient and effective. Through ongoing development and innovation, we strive to meet and exceed industry standards. Our customer-centric approach prioritizes the needs and satisfaction of our clients, driving us to maintain rigorous quality assurance protocols. This dedication ensures that laboratory equipment manufactured by DragLab consistently meets the highest standards of quality and reliability.

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

CE

Incubator DI 55 - Digital Display

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Features:

Ventilation System:

Airflowwithforcedaircirculation by a fan.

Capacity:

55 liters useful chamber volume.

Display:

7-segmentdigitaldisplayfor clear and precise readouts.

Control:

ProgrammablePIDmicroprocessor.

Temperature:

Controllingtemperatures within the range of +20 °C to 100 °C.

Timer:

Timer control ranges from 1 minute to 99 hours and 59 minutes or continuous operation.

Internal shelves:

Two standard shelves for versatile use.

Interior chamber:

Functional stainless steel AISI 304.

Housing:

Electrostatic powder-coated galvanized steel.

Protection:

Automatic thermostatic protection.

Temperature homogeneity:

Complies with DIN 12880 standards for consistent temperature distribution.

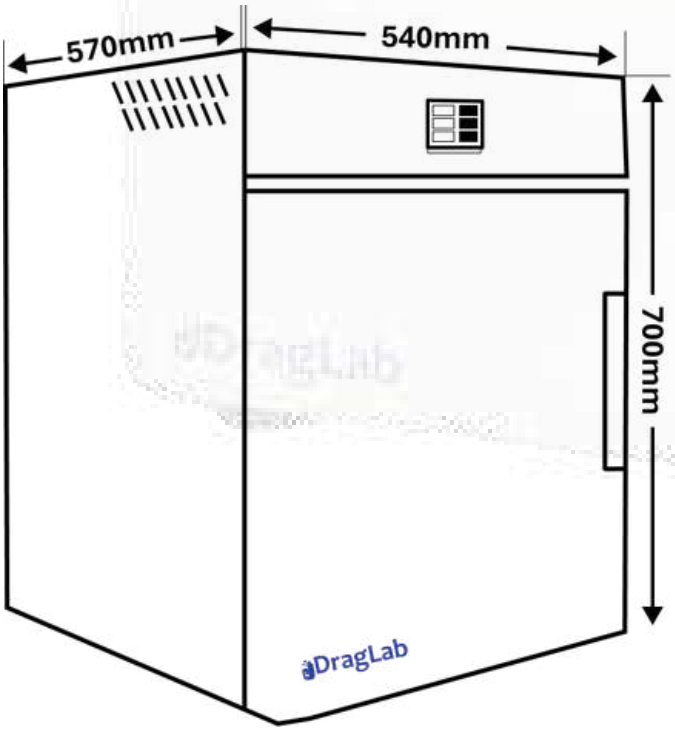
Safety:

European directive 2014/35/EU and 2014/30/EU.

Warranty:

2 years warranty worldwide.

Dimensions:



Incubator DI 55 - Digital Display

Specifications:

Temperature	
Working temperature range	min. +20°C ambient up to +100°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
Control	Adaptive multifunctional digital PID-microprocessor controller
Display	4 digits, 7 segments 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 the set point
Adjustable parameter	Temperature and time, automatic fan adjustable
Standard equipment	
External door	External steel door with compression door lock
Internal door	Inner door made of tempered safety glass
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 an aluminum sheet to ensure high-temperature stability
Emergency knob	Manual knob in case of emergency
External dimensions	525 (W) X 490 (D) X 650 (H) mm
Shelves	2-shelves chrome plated
Safety	
Auto diagnostic system	
Alarm	Audible alarm for fault analysis
Standards	Audible, can be switched off, adjustable limit on the independent temperature safety device Integrated independent temperature safety device with visual alarm accordance DIN 12880 EN 61010-1 and EN 61010-2-010 in accordance with EU directive 2014/35/EU EN 61326-1:213 and EN 61326-1 in accordance with EU directive 2014/30/EU
Class	Class I electrical equipment in accordance with EU Directive 2014/35/EU
Protection Class	IP20 according to EN 60529

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Specifications:

Interior	
Internal dimensions	370 (W) X 380 (D) X 370 (H) mm
Chamber	Easy to clean Stainless steel material no.: EN 1.4301 (AISI 304)
Useful volume	55 liter
Standard shelves	2-shelves chrome plated
Max. number of shelves	8
Permitted load	110 Kg
Load per shelve	15Kg
Ventilation	Forced air circulation by quiet air turbine automatically adjustable
Fan	
Working conditions	The distance between the wall and the rear of the appliance must be at least 15 cm.
Installation	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	230 volts, 50/60Hz
Voltage	1500 watt
Watt	
Shipping information	8419 8998
Customs tariff number	620 (W) X 640 (D) X 750 (H) mm
Dimensions approx. incl. carton	42Kg
Net weight	48Kg
Gross weight carton	

Order Information:

Description	Model	Article number
Incubator 55 Lt - Digital display - AMBIENT TEMPERATURE: +20 °C to 100 °C - 230V, 50/60Hz	DI 55	1052.300