ARGO LAB

The new line of thermostatting instruments.

Advanced solutions for temperature control, combining **precision, safety and practicality.**

SERIE

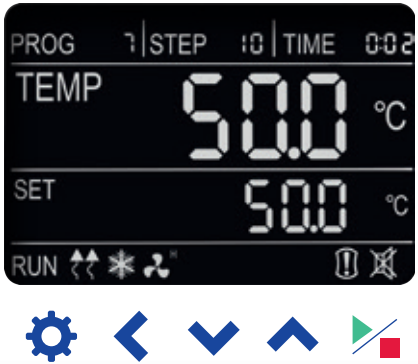
Plus

New LCD screen, clear vision

Internal memory and USB download for data management Door switch for secure operation

on all forced ovens and incubators

Multi-step programming for every need.



super

4" touchscreen for intuitive and precise management
Graphical display of parameters in real time
Complete logging and alarm management
Multi-user access with three security levels
Temperature ramps for complex cycles
Internal storage and data transfer via USB

TCN oven

NATURAL OVEN

QQuiet, reliable and with low power consumption, it is perfect for applications requiring thermal stability and sample protection.

It ensures even heat distribution without the use of fans, ideal for delicate processes.

Ergonomic handle

AVAILABLE VOLUMES

30 litres	Plus
50 litres super	Plus
115 litres super	Plus
200 litres super	Plus

TCN 200 - super

- Working range: **+5 °C RT ... +300 °**
- 10 **storable programmes**
- Logging **alarms, operations and data** on USB stick
- 3-level **multi-user** management with password
- Configurable **temperature ramps**

Compliant with **Safety Class 3.1 (DIN 12880)**, they include a fluid-expansion maximum temperature controller.

The values of homogeneity in space and stability over time indicate **reliable and repeatable results**.

There is an integrated hole (Ø 5 mm) where to insert external sensors for performance verification and control.

Stainless steel chamber with rounded corners, fully removable anti-tip supports and shelves for easy and thorough cleaning.

Supplied as standard:
steel wire shelves- calibration report at 150 °C - USB stick.

TCF oven

- Working range: **+10 °C RT ... +300°C**
- 10 **storable programmes**
- **Configurable temperature ramps**

Compliant with
Safety Class 3.1
(DIN 12880).

FORCED AIR OVEN

It ensures rapid and even heat distribution thanks to the ventilated airflow, guaranteeing short heating times and high thermal precision.

Ideal for applications requiring speed and efficiency

AVAILABLE VOLUMES

50 litres	super	**Plus**
120 litres	super	**Plus**
200 litres	super	**Plus**
400 litres	super	**Plus**

Door switch

Air valve

USB data download

Visual and acoustic **alarms, user management** with three authorization levels protected by password and **adjustable ventilation.**

Programmable digital timer: cycles up to 99 hours and options for continuous operation and delayed start.

The '*safe temperature*' function protects samples, while data logs can be saved to USB for a **complete traceability.**

Stainless steel chamber with rounded corners and removable shelves for easy cleaning.

Supplied as standard:

steel wire shelves

calibration report at 150 °C

USB stick.

ICN

incubator

NATURAL INCUBATORS

Natural convection incubators are essential tools for applications requiring precise temperature control without the use of forced ventilation.

Ideal for research laboratories, chemical analysis and biotechnology, these devices provide a stable and uniform environment, perfect for microbiological cultures, stability testing and other sensitive applications.

AVAILABLE VOLUMES

16 litres	super	Plus
35 litres	super	Plus
55 litres	super	Plus
120 litres	super	Plus
200 litres	super	Plus

- Working range: **+5 °C RT ... +300 °**
- 10 **storable programmes**
- **Data recording** on USB stick
- Configurable **temperature ramps**

They comply with Safety Class 2 (DIN 12880) and have an **integrated hole (Ø 5 mm)** for the insertion of external sensors, ensuring precise temperature control.

They have a complete archiving system with data transfer via USB, ensuring **traceability.**

The interior chambers, made of **stainless steel** with rounded corners, are easy to clean, with fully removable anti-tip shelves.

The ICN 16 and ICN 35 models have a large glass window to observe the samples without heat loss, while the other models include a double door with internal glass.

Visualizzazione classica

Real time graph display

SUPPLIED AS STANDARD:

Steel wire shelves (2 shelves for models up to 50 litres, 3 shelves for larger models), calibration report at 37°C performed with an Accredia-referenced instrument and USB stick for data recording and downloading.

ICF

incubator

FORCED AIR INCUBATORS

Forced air incubators are essential tools in the laboratory for maintaining stable and controlled thermal conditions during experiments and cultures. Thanks to forced ventilation, these incubators ensure even temperature distribution

throughout the indoor environment, avoiding temperature fluctuations and ensuring accurate results

AVAILABLE VOLUMES

50 litres	super	Plus
120 litres	super	Plus
200 litres	super	Plus
400 litres	super	Plus

- Working range: **+5 °C RT... +80 °C**
- 10 storable **programmes**
- **Data** recording on USB stick
- Configurable **temperature ramps**
- Sterilisation programme at 130°C

Displays allow **simultaneous viewing of main operating parameters.**

Visual and audible alarms can be silenced, a programmable digital timer with continuous operation and delayed start options.

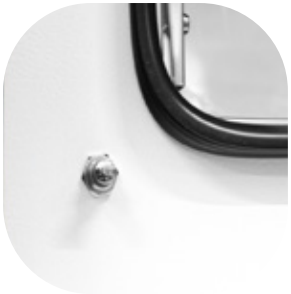
Ventilation is adjustable in three levels: High, Medium, Low. Integrated hole (Ø 5 mm) for inserting external sensors.

Advanced data storage, with the possibility of transferring **data** directly to a USB stick, guaranteeing traceability.

The models are designed with a double door (with an inner glass door) to observe the samples without heat loss.

The chambers are made of stainless steel with rounded corners, the shelves and anti-tip supports are fully removable for easy cleaning and maintenance.

(Internal) ICF



Door switch

cooled incubator
Peltier incubator

IC 150 R

REFRIGERATED INCUBATOR

- Working range: **+0° ... +60 °C**
- Usable volume 150 litres

The ArgoLab IC 150-R refrigerated incubator allows precise temperature control with its **7-inch touchscreen display**.

It is equipped with a **glass window** to observe the samples without loss of heat and interior light.

It supports the **recording of up to 200,000 events**, which can be downloaded via USB in CSV or PDF format.

The **multi-step function** stores up to 64 consecutive steps. 25 mm hole for external sensors.

Programmable timer up to 99 hours and multi-level management. Stainless steel chamber with removable shelves for easy cleaning.

Safety Class 3.1 (DIN 12880)

IC 50 P

PELTIER INCUBATOR

- Working range: **+5 * ... +60 °C**
  (* at least 20°C below room T)
- Usable volume 50 litres
- Peltier technology

Data download via USB

It is equipped with a **double glass door** to observe the samples without heat loss.

The **7-inch touchscreen display** allows intuitive and precise control of all parameters.

Memory up to **200,000 data which can be downloaded via USB.**

It supports a **multi-step programme** to store up to 64 consecutive steps.

Multi-level management allows secure customisation of operating parameters.

The 'safe temperature' function protects samples, while the stainless steel chamber with removable shelves facilitates cleaning.

Safety Class 3.1 (DIN 12880).

climatic chamber

CH 150 / 250

CLIMATIC CHAMBERS

- Usable volume 150 / 250 litres
- Operating range RH: +45... +95 % RH
- Operating range humidity: +10 ... 70 °C
- Operating range without humidity: 0 ... +85 °C
- High-contrast 7" touchscreen display
- Real-time graphic display
- Data logging, alarms and operations
- Data download to USB
- User management with 5 access levels

user interface

The ArgoLab climatic chamber is equipped with a large high-contrast **7-inch touchscreen display.**

The extended working **range**, with a **humidity range from 45% RH to 95% RH**, allows a wide range of application requirements to be met.
The monitoring of parameters is made more effective by the **real-time graphical display directly on the screen.**

Data management is simple and advanced: the **data logging system** can store up to 200,000 events, with the option of downloading via **USB port.**

The new programme configuration includes the possibility of creating multi-step sequences and temperature/humidity ramps, optimal for advanced applications.

Multi-level user management includes **5 authorisation levels**, ensuring secure and customised control for each operator.

The interior of the chamber is made of **stainless steel** with rounded edges, promoting ease of cleaning and maintaining high resistance to wear.
The chamber meets **Safety Class 3.1 (DIN 12880)** thanks to a fluid-expansion maximum temperature controller, ensuring maximum protection of samples.

The chamber is equipped with a **compact external water tank that** is easily accessible thanks to an ergonomic screw cap. In addition, a **50 mm side hole** with a **silicone plug** has been inserted to facilitate the passage of probes or cables, increasing the versatility of the instrument.

WB

WATERBATH

- Working range: **+5°C Ta ... +85 / +100 °C**
- Usable volume **5 / 12 / 22 / 40 litres**
- Backlit LED display

The Argolab waterbath guarantees safety (Class 2 DIN 12880), precise control with programmable timer, and sample protection thanks to the 'safe temperature' function.

Made of stainless steel with removable plate, includes internal recirculation pump for thermal uniformity (Pump models).

The 5-litre and 12-litre models are supplied with a practical side handle facilitate sample insertion.

SUPPLIED AS STANDARD:

stainless steel cover, valve port for probe,
drainage pipe and valve for periodic fluid replacement.

AVAILABLE VOLUMES

WB	5 litres	
WB	12 litres	
WB	22 litres	pump
WB	40 litres	pump

CB

- Working range: **-30/-20/-10... +100 °C**
- Usable volume **5 litres**
- Backlit LED display

CIRCULATING WATERBATH

Precise temperature control, simultaneous display of set values, actual values and operating parameters.

Alarms can be silenced, programmable timer up to 99 h 59 min and 'safe temperature' function to protect samples.

It ensures thermal stability due to internal/external fluid circulation, with PT100 probe included for external measurements. It is equipped with a stainless steel tank and safety system for lack of liquid.

MODELS	WORKING RANGE
CB 5-10	-10...+100°C
CB 5-20	-20...+100°C
CB 5-30	-30...+100°C

SB

- Working range: **+5°C RT ... +100 °C**
- Usable volume **35 litres**

SHAKING BATH

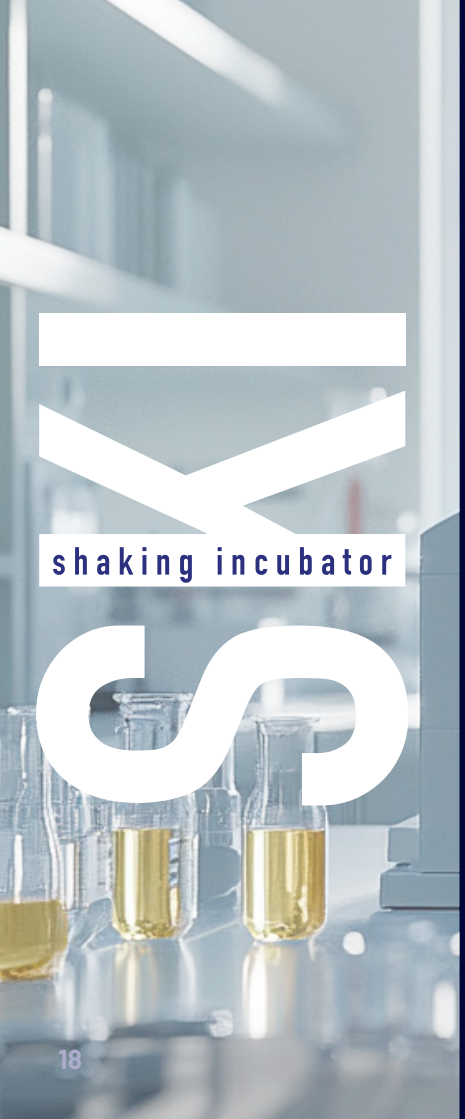
Horizontal shaking bath (Dubnoff) . Visual and acoustic alarms.

Digital timer with range 1 min - 99 h 59 min and continuous operation

'Delayed start' function of the heating cycle.

'Safe temperature' function: working temperature limitation for sample protection.

Safety Class 2 (DIN 12880)



SHAKING INCUBATOR

Bench-top instrument combining **stirring and thermostatting** functions **in a single instrument** used for mixing liquids and incubating biological cultures.

The microprocessor control ensures constant and optimal temperature control inside the chamber, the heating pre-chamber (and cooling in the refrigerated model SKI 8-R), together with the forced air circulation, guarantee optimal temperature distribution throughout the entire working area.

The easy-to-use digital display allows you to adjust :

-orbital shaking speed with increment of 1 rpm (40 ... 300 rpm);

-operating temperature with sensitivity to a tenth of a degree (SKI 4 / SKI 8:+ 5°C Ta...+ 60°C /SKI 8 R : 4°C ...+ 60°C) ;

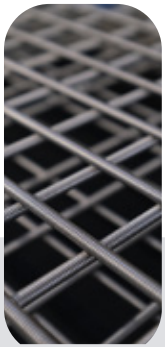
-Running time with sensitivity to a minute (from 1 min to 99.59 hours or continuously).

The function which **gradually increases the shaking** up to the set speed ensures maximum sample safety.

The various platforms available allow maximum versatility of ArgoLab orbital shaking incubators in its SKI 4, SKI 8 and SKI 8-R models.

The SKI 4, SKI 8 and SKI 8-R instruments come standard with a flexible spring platform that can accommodate different types of flasks, beakers and test tubes with different capacities;

other platforms are also available: perforated platforms for clips, with anti-slip film, with elastic bands and universal with bars.



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