

## New controllers for each application

**Basic** and **Professional**, the new versions of the **ARGO LAB** line regulators, allow an easy setting of all operating parameters and an optimal temperature control.

The large backlit display clearly shows in every moment the temperature set and that one inside as well as other parameters.

The introduction of user friendly icons makes interpretation of the functions and commands extremely intuitive. Moreover the limited number of adjustment keys ensures operability very simple and intuitive.

**ARGO LAB** new controllers, user friendly interface for each application!

### Basic



- Wide backlit LCD display
- Icons easy to read
- Timer and continuous function
- Visual and sound alarm
- Fan speed control (High, Medium, Low)
- Delay of starting
- Safety temperature limiter for samples protection

### Professional



- **7 programs x 10 steps**
- Wide backlit LCD display
- Icons easy to read
- Visual and sound alarm
- Fan speed control (High, Medium, Low)
- **Repeatable work cycles**
- Delay of program starting
- Safety temperature limiter for samples protection



### Safety class 3.1 (refer to normative DIN 12880)

Double safety switch. In case of exceeding of the set temperature with the primary switch, the safety control of the temperature is carried out by the secondary one, which operates at a variable temperature slightly higher than that of work. A further upper limit is controlled by a switch with fluid expansion.



# Natural convection incubators

from +5 °C over room temperature to +70 °C

ICN 16 - ICN 35 - ICN 55



ICN 16



ICN 35



ICN 55

The organic materials used in the typical laboratory applications require a constant and soft heating. The temperature distribution in the Argolab incubators is obtained without forced air circulation but using only the natural convection, which does not stress the sample and allows its uniform growth.

The wide door glass window allows a constant monitoring of the status of the samples inside the chamber without opening the door, thereby avoiding unnecessary heat loss and temperature changes.

Natural convection incubators	ICN 16	ICN 35	ICN 55
Usable volume	16 liters	35 liters	55 liters
Max temperature / Resolution	+70 / 0,1 °C	+70 / 0,1 °C	+70 / 0,1 °C
Temperature homogeneity at 37 °C	± 0,4 °C	± 0,4 °C	± 0,5 °C
Temperature variation at 37 °C	± 0,3 °C	± 0,3 °C	± 0,3 °C
Heating up time at 37 °C	18 min.	22 min.	25 min.
Timer	99:59 hh:min and ∞	99:59 hh:min and ∞	99:59 hh:min and ∞
Safety class	2	2	2
Power supply / Nominal wattage	230 V / 85 W	230 V / 125 W	230 V / 250 W
Internal dimensions (W x H x D)	270x 230 x 255 mm	360 x 300 x 320 mm	400x 360 x 385 mm
Number of shelves (standard/max)	2/6	2/6	2/5
Useful min. distance between shelves	25 mm	30 mm	50 mm
Max load for shelf	5 kg	7,5 kg	10 kg
External dimensions (W x H x D)	505 x 370 x 400 mm	595 x 440 x 460 mm	635 x 500 x 545 mm
Weight	23 kg	33 kg	42 kg
Part number - BASIC version	41101002	41101012	41101022
Part number - PROFESSIONAL version	41101202	41101212	41101222



Overlapping incubators



For a better uniformity of the temperature, the wireheating system is positioned on all the internal walls of the chamber.



# Natural convection incubators

from +5 °C over room temperature to +70 °C

ICN 120 - ICN 200



ICN 120



ICN 200

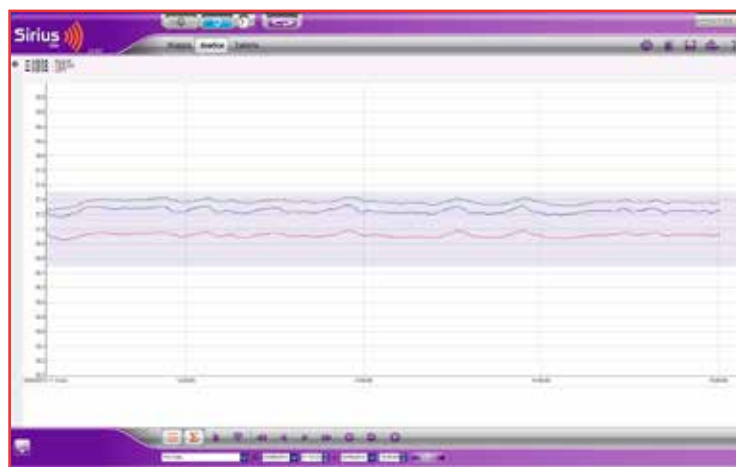
Argolab incubators with greater volume, thanks to the optimal placing of the heating elements, ensure high performance in homogeneity and stability of temperature and the proper incubation of the samples.

The difference from the smaller models is the presence of the double door, with the inner glass full-width, which ensures a perfect observation of the samples in the chamber without unnecessary heat losses.

Natural convection incubators	ICN 120	ICN 200
Usable volume	120 liters	200 liters
Max temperature / Resolution	+70 / 0,1 °C	+70 / 0,1 °C
Temperature homogeneity at 37 °C	± 0,5 °C	± 0,5 °C
Temperature variation at 37 °C	± 0,3 °C	± 0,3 °C
Heating up time at 37 °C	30 min.	35 min.
Timer	99:59 hh:min and ∞	99:59 hh:min and ∞
Safety class	2	2
Power supply / Nominal wattage	230 V / <b>350 W</b>	230 V / <b>600 W</b>
Internal dimensions (W x H x D)	520 x 460 x 500 mm	610 x 600 x 575 mm
Number of shelves (standard/max)	2/7	2/9
Useful min. distance between shelves	50 mm	50 mm
Max load for shelf	10 kg	10 kg
External dimensions (W x H x D)	755 x 610 x 645 mm	850 x 755 x 710 mm
Weight	61 kg	77 kg
Part number - <b>BASIC</b> version	<b>41101032</b>	<b>41101042</b>
Part number - <b>PROFESSIONAL</b> version	<b>41101232</b>	<b>41101242</b>



Internal glass door



Graphic example of the stability and homogeneity of the temperature in the incubator ICN16. It was obtained positioning three PT 100 probes equidistant on the shelf at the centre of the chamber