TCF 50   **TCF 120 SUPER**   **TCF 200**   **TCF 400 SUPER**

The Argolab's forced air ovens control very efficiently the temperature up to 300 °C.

The PID controller, with wide backlit colour display, clearly shows in every moment the temperature set and that one inside as well as all the other parameters.

The forced air circulation, adjustable in three levels (High, Medium, Low), guarantees the perfect air replacement and homogeneity of temperature in every parts of the chamber.

Wheels for TCN 200, TCF 200 and TCF 400

Through hole Ø 25 or Ø 50 mm for inserting of probes inside the chamber

Part n.	Description
41110152	Hole Ø 25 mm complete of closing caps for ovens TCN and TCF
41100142	Hole Ø 50 mm complete of closing caps for ovens TCN and TCF
41101172	Wheels for TCN 200 / TCF 200 / TCF 400. Set of 4 pieces
41119002	Paper manual IQ-OQ

Forced air ovens	TCF 50	TCF 120	TCF 200	TCF 400
Usable volume	**50 liters**	**120 liters**	**200 liters**	**400 liters**
Max temperature / Resolution	+300 / 0,1 °C	+300 / 0,1 °C	+300 / 0,1 °C	+300 / 0,1 °C
Temperature homogeneity at 150 °C	± 2 %	± 2 %	± 2 %	± 2 %
Temperature variation at 150 °C	± 0,3 °C	± 0,3 °C	± 0,4 °C	± 0,5 °C
Heating up time at 150 °C	20 min.	24 min.	30 min.	50 min.
Timer	99:59 hh:min and ∞	99:59 hh:min and ∞	99:59 hh:min and ∞	99:59 hh:min and ∞
Safety class	3.1	3.1	3.1	3.1
Power supply / Nominal wattage	230 V / **980 W**	230 V / **1900 W**	230 V / **2400 W**	230 V / **3200 W**
Internal dimensions (W x H x D)	400 x 415 x 310 mm	520 x 530 x 435 mm	645 x 650 x 495 mm	1000 x 800 x 500 mm
Number of shelves (standard/max)	2/5	2/7	2/9	2/10
Useful min. distance between shelves	50 mm	50 mm	50 mm	50 mm
Max load for shelf	15 kg	20 kg	20 kg	20 kg
External dimensions (W x H x D)	690 x 635 x 570 mm	810 x 750 x 690 mm	945 x 870 x 755 mm	1285 x 1060 x 750 mm
Weight	54 kg	74 kg	103 kg	160 kg
*Part number - **PLUS** version*	**41100202**	**41100212**	**41100222**	**41100232**
*Part number - **SUPER** version*	**41100602**	**41100612**	**41100622**	**41100632**

New version of Professional controller Plus Series
7 programs with 10 steps each one
wide backlit LCD display
easy setting of all operating parameters

All in one
Backlit LCD display with all parameters in a unique screen: current temperature, set temperature, fan speed and running program
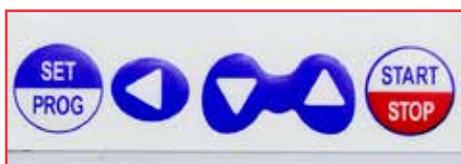
Intuitive reading
Easy reading of the most important parameters thanks to the clear and logical distribution of numerical values, symbols and user friendly icons

Easy to use
The limited number of keys and of steps during setting guarantee an extremely intuitive and quick operability

Label		Label
Step number		Timer
Program number		Set temperature
Fan speed		Real temperature
Cooling ON		
Heating ON		Visual alarm
Running ON		Sound alarm disabled

*New generation of colour touch screen display
with user friendly screens and icons
8 programs storable with 8 steps each one
recordable data on USB support with flash drive supplied*

All on board

Colour touch screen display for the selection of the various functions. All parameters on a single screen: temperature, fan speed, time, program number and step, USB pendrive presence, date and time
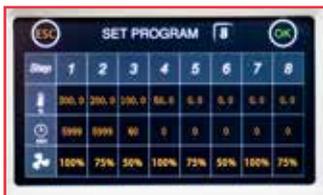
Easy to use

Simply and intuitive setting of all the operating parameters thanks to icons and symbols easy to understand. The capacitive display ensures touch sensitivity and precision even when wearing gloves

Programs

Professional controller equipped with 8 storable programs with 8 steps each one and a further basic program (PROG 0) with a single step. Simple programming of all work steps in a single screen

Safety of use

Settings menu with 3 access levels: 1 free and 2 protected by password to avoid accidental changes to "sensitive" machine parameters

Recording and downloading data

Work cycles are automatically stored inside the instrument, always available for download thanks to the USB port. With an USB flash drive inserted, registration takes place without capacity limits

USB connected — Date and time
Real temperature — Timer
Fan speed — Set timer
Set temperature — Current program
Start/Stop — Settings
Work cycle info — Programming