



TCN 30



TCN 50 SUPER



TCN 115



TCN 200 SUPER

Ideal for everyday use in the processes of drying and sterilization, the natural convection ovens Argolab are characterized by a high load capacity and by the accuracy in temperature control.

The possibility to heat the samples up to 300 °C allows any type of process.

The minimum heating times, the heating power properly dimensioned and the perfect tightness of the gasket, ensure low energy consumptions in every application.



Steel wire shelf for TCN and TCF models



Holed platform applicable to wire shelf for TCN and TCF models

Part n.	Description
41100142	Steel wire shelf for TCN 30
41100102	Steel wire shelf for TCN 50 / TCF 50
41100112	Steel wire shelf for TCN 115 / TCF 120
41100122	Steel wire shelf for TCN 200 / TCF 200
41100132	Steel wire shelf for TCF 400

Part n.	Description
41100192	Holed platform for TCN 30
41100152	Holed platform for TCN 50 / TCF 50
41100162	Holed platform for TCN 115 / TCF 120
41100172	Holed platform for TCN 200 / TCF 200
41100182	Holed platform for TCF 400

Natural convection ovens	TCN 30	TCN 50	TCN 115	TCN 200
<i>Usable volume</i>	30 liters	50 liters	115 liters	200 liters
<i>Max temperature / Resolution</i>	+200 / 0,1 °C	+300 / 0,1 °C	+300 / 0,1 °C	+300 / 0,1 °C
<i>Temperature homogeneity at 150 °C</i>	± 3,5 °C	± 3,5 °C	± 3,5 °C	± 4,0 °C
<i>Temperature variation at 150 °C</i>	± 0,5 °C	± 0,5 °C	± 0,5 °C	± 0,7 °C
<i>Heating up time at 150 °C</i>	14 min.	16 min.	18 min.	20 min.
<i>Timer</i>	99:59 hh:min and ∞	99:59 hh:min and ∞	99:59 hh:min and ∞	99:59 hh:min and ∞
<i>Safety class</i>	3.1	3.1	3.1	3.1
<i>Power supply / Nominal wattage</i>	230 V / 700 W	230 V / 1000 W	230 V / 1900 W	230 V / 2100 W
<i>Internal dimensions (W x H x D)</i>	320 x 320 x 285 mm	400 x 420 x 330 mm	520 x 495 x 450 mm	650 x 640 x 495 mm
<i>Number of shelves (standard/max)</i>	2/3	2/5	2/6	2/9
<i>Useful min. distance between shelves</i>	50 mm	50 mm	50 mm	50 mm
<i>Max load for shelf</i>	10 kg	15 kg	20 kg	20 kg
<i>External dimensions (W x H x D)</i>	460 x 685 x 530 mm	690 x 635 x 470 mm	815 x 750 x 600 mm	940 x 905 x 660 mm
<i>Weight</i>	40 kg	53 kg	74 kg	103 kg
<i>Part number - PLUS version</i>	41100062	41100002	41100012	41100022
<i>Part number - SUPER version</i>	-	41100502	41100512	41100522

SERIES Plus

AVAILABLE FOR ALL OVENS
AND INCUBATORS ARGOLAB*

*except TCN 30

*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*



AVAILABLE FOR ALL OVENS AND INCUBATORS ARGOLAB*

*except TCN 30

**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



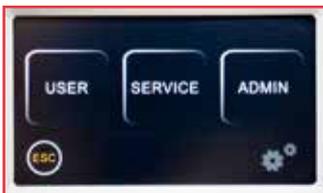
Easy to use

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

