TCN SERIE *Super*

- ○ **Working range:** *+5 °C RT... +300 °C*
- ○ **Colour touchscreen display**
- ○ **8 storable programs** with 8 steps each
- ○ **Basic program** single step
- ○ **Data recording and downloading**

MAIN FEATURES

Natural convection oven ArgoLab
Simultaneous display of all operating parameters. Visual and acoustic alarms which can be silenced by the operator.
Digital timer with a range of programming 1 min - 99 h 59 min. and continuous working.
Possibility to set a delayed start of heating cycle.
 "Safe temperature" function: working temperature limiter for sample protection.
Minimum heating times and reduced heating power for low energy consumption in every application.
Recording of working data without limit on USB drive.
Safety class 3.1 (DIN 12880): maximum temperature regulator with fluid expansion.
Standard passage hole of Ø 5 mm (upper side) for insertion of an external temperature probe to control and/or certification of internal temperature.

Stainless steel chamber with rounded corners, supports and shelves completely removable for an easy cleaning.
Power supply 220 ± 10% V - 50 Hz.

Supplied with: two steel wire shelves, calibration report at 150°C executed with certificated Accredia instrument, USB drive for recording and downloading data.

TCN **SUPER**

Name	Volume (l)	Stability at 150 °C	Homogeneity a 150 (°C)	External dim. LxAxP (mm)	Weight (kg)	Power (W)	p/n
TCN 50 SUPER	50	± 0,5	± 3,5	690 x 635 x 470	53	1000	**41100502**
TCN 115 SUPER	115	± 0,5	± 3,5	815 x 750 x 600	74	1900	**41100512**
TCN 200 SUPER	200	± 0,7	± 4,0	940 x 905 x 660	103	2100	**41100522**

TCN **PLUS**

Name	Volume (l)	Stability at 150 °C	Homogeneity a 150 (°C)	External dim. LxAxP (mm)	Weight (kg)	Power (W)	p/n
TCN 30* PLUS	30	± 0,5	± 3,5	460 x 685 x 530	40	700	**41100062**
TCN 50 PLUS	50	± 0,5	± 3,5	690 x 635 x 470	53	1000	**41100002**
TCN 115 PLUS	115	± 0,5	± 3,5	815 x 750 x 600	74	1900	**41100012**
TCN 200 PLUS	200	± 0,7	± 4,0	940 x 905 x 660	103	2100	**41100022**

* Working range TCN 30: *+10°C T amb. ... +200 °C*

THERMOSTATATION

TCN SERIE Plus

○ **Working range:** *+5°C RT ... +300 °C *

○ **Backlit LED display**

○ **7 storable programs** with 10 steps each

○ **Basic program** *single* step

* except TCN 30: *+10°C T amb. ... +200 °C*

MAIN FEATURES

Natural convection oven Argolab

Simultaneous display of all operating parameters. Visual and acoustic alarms which can be silenced by the operator.

Digital timer with a range of programming 1 min - 99 h 59 min. and continuous working.

Possibility to set a delayed start of heating cycle.

"**Safe temperature" function**: working temperature limiter for sample protection.

Minimum heating times and reduced heating power for low energy consumption in every application.

Safety class 3.1 (DIN 12880): maximum temperature regulator with fluid expansion.

Standard passage hole of Ø 5 mm (upper side) for insertion of an external temperature probe to control and/or certification of internal temperature.

Stainless steel chamber with rounded corners, supports and shelves completely removable for an easy cleaning.

Power supply 220 ± 10% V - 50 Hz.

Supplied with: two steel wire shelves, calibration report at 150°C executed with certificated Accredia instrument.

ACCESSORIES FOR TCN (SUPER AND PLUS)

Description	p/n
Steel wire shelves for **TCN 30**	41100142
Steel wire shelves for **TCN 50**	41100102
Steel wire shelves for **TCN 115**	41100112
Steel wire shelves for **TCN 200**	41100122
Holed platform for oven **TCN 30**	41100192
Holed platform for oven **TCN 50**	41100152
Holed platform for oven **TCN 115**	41100162
Holed platform for oven **TCN 200**	41100172
Internal hole Ø 25 mm complete with closing cap (Only on the sides shown in the picture –position to choose)	41110152
Internal hole Ø 50 mm complete with closing cap (Only on the sides shown in the picture – position to choose)	41110142
Wheels for TCN 200. Kit of 4 pieces	41101172
Manual **IQ-OQ**	41119002

THERMOSTATATION

TCF SERIE *Super*

- ○ **Working range:** *+10 °C RT ... +300 °C*
- ○ **Colour touchscreen display**
- ○ **8 storable programs** with 8 steps each
- ○ **Basic program** single step
- ○ **Data recording and downloading**

MAIN FEATURES

Forced air oven ArgoLab

Simultaneous display of all operating parameters. Visual and acoustic alarms which can be silenced by the operator.

Digital timer with a range of programming 1 min - 99 h 59 min. and continuous working.

Possibility to set a delayed start of heating cycle.

"Safe temperature" function: working temperature limiter for sample protection.

Adjustable fan on 3 levels: High= 100% - Medium = 75% - Low= 50%

Minimum heating times and reduced heating power for low energy consumption in every application.

Recording of working data without limit on USB drive.

Safety class 3.1 (DIN 12880): maximum temperature regulator with fluid expansion.

Standard passage hole of Ø 5 mm (upper side) for insertion of an external temperature probe to control and/or certification of internal temperature.

Stainless steel chamber with rounded corners, supports and shelves completely removable for an easy cleaning.

Power supply 220 ± 10% V - 50 Hz.

Supplied with: 2 steel wire shelves (3 on the TCF 400), calibration report at 150°C executed with certificated Accredia instrument, USB drive for recording and downloading data.

TCF **SUPER**

Name	Volume (l)	Stability at 150 °C	Homogeneity a 150 (°C)	External dim. LxAxP (mm)	Weight (kg)	Power (W)	p/n
TCF 50 SUPER	50	± 0,3	± 2%	690 x 635 x 570	54	980	**41100602**
TCF 120 SUPER	120	± 0,3	± 2%	810 x 750 x 690	74	1900	**41100612**
TCF 200 SUPER	200	± 0,4	± 2%	945 x 870 x 755	103	2400	**41100622**
TCF 400 SUPER	400	± 0,5	± 2%	1285 x 1060 x 750	160	3200	**41100632**

TCF **PLUS**

Name	Volume (l)	Stability at 150 °C	Homogeneity a 150 (°C)	External dim. LxAxP (mm)	Weight (kg)	Power (W)	p/n
TCF 50 PLUS	50	± 0,3	± 2%	690 x 635 x 570	54	980	**41100202**
TCF 120 PLUS	120	± 0,3	± 2%	810 x 750 x 690	74	1900	**41100212**
TCF 200 PLUS	200	± 0,4	± 2%	945 x 870 x 755	103	2400	**41100222**
TCF 400 PLUS	400	± 0,2	± 2%	1285 x 1060 x 750	160	3200	**41100232**

THERMOSTATATION

TCF *SERIE* **Plus**

○ **Working range:** *+10 °C RT ... +300 °C ***
○ **Backlit LED display**
○ **7 storable programs** with 10 steps each
○ **Basic program** *single* step

MAIN FEATURES

Forced air oven ArgoLab

Simultaneous display of all operating parameters. Visual and acoustic alarms which can be silenced by the operator.

Digital timer with a range of programming 1 min - 99 h 59 min. and continuous working.

Possibility to set a delayed start of heating cycle.

"Safe temperature" function: working temperature limiter for sample protection.

Adjustable fan on 3 levels: High= 100% - Medium = 75% - Low= 50%

Minimum heating times and reduced heating power for low energy consumption in every application.

Safety class 3.1 (DIN 12880): maximum temperature regulator with fluid expansion.

Standard passage hole of Ø 5 mm (upper side) for insertion of an external temperature probe to control and/or certification of in-

ternal temperature.

Stainless steel chamber with rounded corners, supports and shelves completely removable for an easy cleaning.

Power supply 220 ± 10% V - 50 Hz.

Supplied with: 2 steel wire shelves (3 on the TCF 400)s, calibration report at 150°C executed with certificated Accredia instrument

ACCESSORIES TCF (SUPER AND PLUS)

Description		p/n
Steel wire shelves for **TCF 50**		41100102
Steel wire shelves for **TCF 120**		41100112
Steel wire shelves for **TCF 200**		41100122
Steel wire shelves for **TCF 400**		41100132
Holed platform for oven **TCF 50**		41100152
Holed platform for oven **TCF 120**		41100162
Holed platform for oven **TCF 200**		41100172
Holed platform for oven **TCF 400**		41100182
Internal hole Ø 25 mm complete with closing cap (Only on the sides shown in the picture –position to choose)		41110152
Internal hole Ø 50 mm complete with closing cap (Only on the sides shown in the picture – position to choose)		41110142
Wheels for TCF 200 and 400. Kit of 4 pieces		41101172
Manual IQ-OQ		41119002

THERMOSTATATION