

Natural convection incubators

The processes in many typical biological laboratory applications require gentle and constant heating of the sample. The temperature distribution in the incubator is achieved by natural air movement. This ensures uniform growth conditions in the interior. The large glass window in the door allows permanent monitoring of the sample without having to open the door, thus avoiding unnecessary temperature loss and temperature fluctuations. The instruments with larger volume are equipped with a double door. All models are available as Basic Series and Super Series.

Basic Series

- 7 programs × 10 program steps
- Repeatable work cycles
- Large backlit LCD display
- Easy to read symbols
- Timer and continuous function - Visual and acoustic alarm
- Fan speed control
- Delay of the program start
- Safety temperature to protect the sample

SUPER series

- New generation of color touch screen displays with user-friendly screens and icons
- 8 programs with 8 steps storable,
- USB flash drive
- Easy operation and readability



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Technical data:

	TIN-IN16B TIN-IN16S	TIN-IN35B TIN-IN35S	TIN-IN55B TIN-IN55S	TIN-IN120B TIN-IN120S	TIN-IN200B TIN-IN200S
Volume:	16 litres	35 litres	55 litres	120 litres	200 litres
Max. temperature/resolution:	+70/0.1°C	+70/0.1°C	+70/0.1°C	+70/0.1°C	+70/0.1°C
Temp. homogeneity at 37°C:	±0.4°C	±0.4°C	±0.5°C	±0.5°C	±0.5°C
Temperature variation at 37°C:	±0.3°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Heating time at 37°C:	18 min	22 min	25 min	30 min	35 min
Timer:	99:59/cont. operation	99:59/cont. operation	99:59/cont. operation	99:59/cont. operation	99:59/cont. operation
Int. dimension (W×H×D):	270×230×255 mm	360×300×320 mm	400×360×385 mm	520×460×500 mm	610×600×575 mm
No. of shelves (standard/max):	2/6	2/6	2/5	2/7	2/9
Min. distance between shelves:	25 mm	30 mm	50 mm	50 mm	50 mm
Max. load of shelves:	5 kg	7,5 kg	10 kg	10 kg	10 kg
Voltage/Power:	230 V / 85 W	230 V / 125 W	230 V / 250 W	230 V / 350 W	230 V / 600 W
Ext. dimensions (W×H×D):	530×370×400 mm	620×440×460 mm	660×500×545 mm	780×610×645 mm	875×755×710 mm
Weight:	23 kg	33 kg	42 kg	61 kg	77 kg
Safety class:	2	2	2	2	2

	Model	Order No.		Model	Order No.
①	TIN-IN16B	10 13 71600		TIN-IN55S	10 13 75501
	TIN-IN16S	10 13 71601		TIN-IN120B	10 13 71206
②	TIN-IN35B	10 13 73500		TIN-IN120S	10 13 71207
	TIN-IN35S	10 13 73501	③	TIN-IN200B	10 13 72006
	TIN-IN55B	10 13 75500		TIN-IN200S	10 13 72007

Forced air incubators

Our new forced air incubators control the temperature up to 80°C very efficiently. It's possible in addition, set a program at 130°C which allows the thermally sterilization of the chamber. The full wide internal glass door ensures perfect observation of samples without unnecessary and expensive heat losses. The forced ventilation, adjustable on three levels (High, Medium, Low) guarantees a perfect air exchange and an excellent temperature homogeneity in all points of the chamber. All models are available as Basic Series and Super Series.

Basic Series

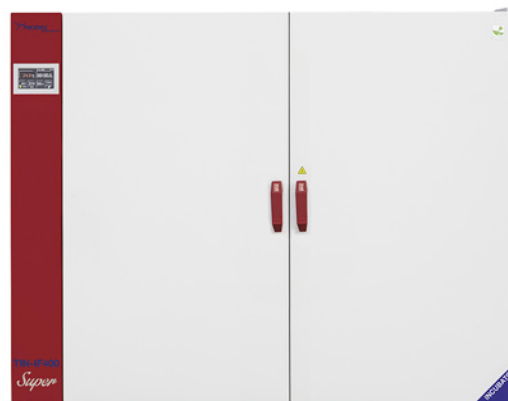
- 7 programs × 10 program steps
- Repeatable work cycles
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SUPER series

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- Easy operation and readability



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Technical data:

	TIN-IF120B	TIN-IF200B	TIN-IF400B
Volume:	TIN-IF120S 120 litres	TIN-IF200S 200 litres	TIN-IF400S 400 litres
Max. temperature/resolution:	+80/0.1°C	+80/0.1°C	+80/0.1°C
Temp. homogeneity at 37°C:	±0.4°C	±0.4°C	±0.5°C
Temperature variation at 37°C:	±0.1°C	±0.2°C	±0.3°C
Heating time at 37°C:	40 min	45 min	55 min
Timer:	99:59/cont. operation	99:59/cont. operation	99:59/cont. operation
Int. dimension (W×H×D):	520×530×435 mm	645×650×495 mm	1000×800×500 mm
No. of shelves (standard/max):	2/7	2/9	2/10
Min. distance between shelves:	50 mm	50 mm	50 mm
Max. load of shelves:	20 kg	20 kg	20 kg
Voltage/Power:	230 V / 600 W	230 V / 700 W	230 V / 1500 W
Ext. dimensions (W×H×D):	810×750×690 mm	945×870×755 mm	1285×1060×750 mm
Weight:	74 kg	103 kg	160 kg
Safety class:	2	2	2

Model	Order No.		Model	Order No.
TIN-IF120B	10 13 71212		TIN-IF200S	10 13 72005
TIN-IF120S	10 13 71225	④	TIN-IF400B	10 13 74002
TIN-IF200B	10 13 72004		TIN-IF400S	10 13 74003

