

Natural convection incubators

from +5 °C up to 70 °C

The organic materials used in the typical laboratory application require a constant and gentle heating. The temperature distribution in the 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 check of the status of the samples inside the chamber without opening the door, thereby avoiding unnecessary heat loss and temperature changes.

All products available
as Basic- or Professional- Model



TIN-IN16



TIN-IN35



TIN-IN55

Please find accessories on last page

| Technical data | TIN-IN16 | TIN-IN35 | TIN-IN55 |
|--------------------------------|--------------------|--------------------|--------------------|
| Volume | 16 Liters | 35 Liters | 55 Liters |
| Max. Temperature/Resolution | +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 |
| Temperature variation at 37 °C | ±0,3 °C | ±0,3 °C | ±0,3 °C |
| Heating up time at 37 °C (min) | 18 | 22 | 25 |
| Timer | 99:59 / continuous | 99:59 / continuous | 99:59 / continuous |
| Int. Dimension (WxHxD) in mm | 270 x 230 x 255 | 360 x 300 x 320 | 400 x 360 x 385 |
| No. of shelves (standard/max) | 2/6 | 2/6 | 2/5 |
| Min. distance between shelves | 25 mm | 30 mm | 50 mm |
| Max. load of shelves (kg) | 5 | 7,5 | 10 |
| Voltage/Power | 230 V / 85 W | 230 V / 125 W | 230 V / 250 W |
| Ext. Dimension (WxHxD) in mm | 505 x 370 x 400 | 595 x 440 x 460 | 635 x 500 x 545 |
| Weight (kg) | 23 | 33 | 42 |
| Safety class | 2 | 2 | 2 |

Natural convection Incubators with higher volumes

Incubators with higher 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.



Double Door

Please find accessories on last page

| Technical data | TIN-IN120 | TIN-IN200 |
|--------------------------------|-------------------|-------------------|
| Volume | 120 Liters | 200 Liters |
| Max. Temperature/Resolution | +70/0,1 °C | +70/0,1 °C |
| Temp. 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 (min) | 30 | 35 |
| Timer | 99:59 / continous | 99:59 / continous |
| Int. Dimension (WxHxD) in mm | 520 x 460 x 500 | 610 x 600 x 575 |
| No. of shelves (standard/max) | 2/7 | 2/9 |
| Min. distance between shelves | 50 mm | 50 mm |
| Max. load of shelves (kg) | 10 | 10 |
| Voltage/Power | 230 V / 350 W | 230 V / 600 W |
| Ext. Dimension (WxHxD) in mm | 755 x 610 x 645 | 850 x 755 x 710 |
| Weight (kg) | 61 | 77 |
| Safety class | 2 | 2 |