PHOENIX Instrument
Lab Solutions

Natural Convection Incubators

from RT+5 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.







Technical Data	TIN-IN16	TIN-IN35	TIN-IN55
Volume	16 Liters	35 Liters	55 Liters
Max. Temperature/Resolution		70 / 0,1 °C	
Temp. homogeneity at 150 °C	±0.4 °C	±0.4 °C	±0.5 °C
Temperature variation at 150 °C	±0.3 °C	±0.3 °C	±0.3 °C
Heating time at 150 °C	18 min	22 min	25 min
Timer		99:59 / continuous operation	
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)	2/3	2/5	2/5
Min. distance between shelves	25 mm	30 mm	50 mm
Max. load of shelves	5 kg	7.5 kg	10 kg
Voltage / Power	230 V / 85 W	230 V / 125 W	230 V / 250 W
Ext. Dimension (WxHxD) in mm	530 x 370 x 400	620 x 440 x 460	660 x 500 x 545
Weight	23 kg	33 kg	42 kg
Safety class		2	

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