PHOENIX Instrument
Lab Solutions

Natural Convection Oven

From RT+5 (TIN-TN30: RT+10) to 300 °C

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

The possibility to heat the samples up to 300 °C allows any type of sterilization process. The minimum heating times, the heating power properly dimensioned and the perfect tightness of the seals, ensure low energy consumption in every application.





Technical Data	TIN-TN30	TIN-TN50	TIN-TN115	TIN-TN200
Volume	30 Liters	50 Liters	115 Liters	200 Liters
Max. Temperature/Resolution	+200 / 0.1 °C	+300 / 0.1°C	+300 / 0.1°C	+300 / 0.1°C
Temp. homogeneity at 150 °C	±3.5 °C	±3.5 °C	±3.5 °C	±4 °C
Temperature variation at 150 °C	±0.5 °C	±0.5 °C	±0.5 °C	±0.7 °C
Heating time at 150 °C	14 min	16 min	18 min	20 min
Timer	99:59 / continuous operation			
Int. Dimension (WxHxD) in mm	320 x 320 x 285	400 x 420 x 330	520 x 495 x 450	650 x 640 x 495
No. of shelves (standard/max)	2/5	3/7	3/9	3/10
Min. distance between shelves	50 mm			
Max. load of shelves	10 kg	15 kg	20 kg	20 kg
Voltage / Power	230 V / 700 W	230 V / 1,000 W	230 V / 1,900 W	230 V / 2,100 W
Ext. Dimension (WxHxD) in mm	460 x 685 x 530	690 x 635 x 470	815 x 750 x 600	940 x 905 x 660
Weight	40 kg	53 kg	74 kg	103 kg
Safety class	3.1			

info@phoenix-instrument.de • Tel. +49 (5131) 90818 -30
Heinkelstr. 4 • D-30827 Garbsen • www.phoenix-instrument.de