

SciQuip Fan Assisted High Temperature Oven

HT-Series

SciQuip fan assisted drying ovens have been designed to suit all drying applications including aging, bonding, curing, drying glassware, baking, sterilizing, heat treating, annealing, stress relieving and stability testing. The standard S-series provide temperatures up to 200°C, while the high temperature HT-series go to 300°C. The SciQuip laboratory oven controllers can store up to 9 programs of 18 steps, which can be set for multiple ramp/soak cycles or for running one temperature and switching automatically to another for a given time. Each heating program can be made to repeat from 1 to 99 times automatically.

The SciQuip fan assisted laboratory ovens were designed to provide accurate temperature uniformity with no overshoot, the microprocessor achieves precise environmental control and features the advantage of rapid recovery after door opening.

All parameters are displayed in the large LCD screen for fast easy read-out. All SciQuip Circulated Ovens leave the factory having undergone a 5 point temperature calibration at our laboratory, not just for accuracy of measured temperature (observed with one probe in the center of the chamber), but also for temperature uniformity (measured with a probe in each of the 4 corners, too), to ensure that the oven chamber is as homogenous as possible.



FEATURES:

- Oven Capacity 80ltr – 230ltr
- Maximum Temperature 300°C
- Fully programmable
- Fan-assisted for excellent temp uniformity
- Audible & visual alarms
- Password protection
- Large LED screen (HT Models Only)
- Separate overheat safety protection
- Oven chamber viewing window
- **All units are supplied with 2 shelves, as standard**



Model	SQ-4860	SQ-4865	SQ-4870
Volume (L)	80	140	230
Heating Mode	Back Heating	Back Heating	Back Heating
Temperature Range	Ambient +5°C to 300°C	Ambient +5°C to 300°C	Ambient +5°C to 300°C
Temperature Accuracy	±.01°C	±.01°C	±.01°C
Temperature Uniformity	<±2.5% (@ max temp)	<±2.5% (@ max temp)	<±2.5% (@ max temp)
Alarm	Enabled	Enabled	Enabled
Timer	1-999 minutes	1-999 minutes	1-999 minutes
Setting	Digital	Digital	Digital
Display	LCD	LCD	LCD
Shelf Included	2 (max 13)	2 (max 17)	2 (max 21)
Shelf Size (mm) (WxD)	319x330	385x405	475x485
Base	Feet	Feet	Castors
Inner Dimensions (mm) (WxDxH)	375x365x550	450x440x685	520x540x800
Exterior Dimensions (mm) (WxDxH)	565x495x860	640x570x1095	720x670x1290
Packing Dimensions (mm) (WxDxH)	635x565x1120	710x640x1255	790x740x1450
Net/Gross Weight (KG)	58/98	80/125	104/150
Power (W)	2100	2300	2700
Electricity	220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz
Approval	CE, ISO	CE, ISO	CE, ISO
Warranty	2 Years	2 Years	2 Years