

OVENS

SC-20 HOT AIR OVEN

Hot Air Oven provides a uniform and controlled heating system, making it suitable for drying, curing, sterilization, and high-temperature testing. It ensures precise temperature maintenance for reliable results. Commonly used for rapid drying applications and for determining Loss on Drying (LOD), it is also known as an LOD Oven. Temperature Uniformity $\pm 1^{\circ}\text{C}$ | Temperature Accuracy $\pm 0.5^{\circ}\text{C}$
Temperature Range 50°C to 250°C



	Capacity Liter	Internal Size (W x D x H) mm	External Size (W x D x H) mm	Tray Qty.	Tray Size mm
A	45	355 x 355 x 355	505 x 505 x 655	2	340 x 340
B	95	455 x 455 x 455	605 x 605 x 755	2	430 x 430
C	225	605 x 605 x 605	750 x 750 x 900	2	530 x 560
D	336	605 x 605 x 905	750 x 750 x 1200	3	580 x 580
E	450	700 x 700 x 950	850 x 850 x 1250	3	630 x 660
F	600	700 x 800 x 1100	850 x 950 x 1400	4	730 x 760
G	800	700 x 800 x 1450	850 x 950 x 1750	4	695 x 560
H	1000	800 x 800 x 1600	950 x 950 x 1900	5	695 x 760

Optional:-

- Microprocessor PID digital temperature controller with timer/alarm.
- PLC controller with 21 CFR compliance software and data logger.

SC-21 DRYING OVEN INDUSTRIAL

Double-walled construction with inner chamber made of Mild Steel or SS 304 quality. Outer body is fabricated from Mild Steel with durable epoxy powder coating or available in Stainless Steel GMP model. The unit is insulated with 75 mm thick high-grade glass wool for efficient heat retention. Equipped with a Digital Temperature Controller and tubular heating elements positioned on three sides (including bottom) for uniform heating. Features dual side air ventilation, perforated adjustable shelves (optional extra), and a forced air blower for even temperature distribution.

Temperature range: Ambient to 250°C with $\pm 1^{\circ}\text{C}$ accuracy.

Power supply: 220/230V AC, 50 Hz.



	Chamber size (H x W x D)	
	mm	inches
A	900 x 600 x 600	36" x 24" x 24"
B	1200 x 900 x 900	48" x 36" x 36"
C	1500 x 900 x 900	60" x 36" x 36"
D	1800 x 1200 x 900	72" x 48" x 36"

Optional:-

- Microprocessor PID Digital Temp Controller with timer/Alarm.

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SC-22 TRAY DRYER

Powder-coated Mild Steel or Stainless Steel outer body with SS 304 inner chamber and glass wool insulation.

Fitted with heating elements and microprocessor digital temperature controller.

Provided with vacuum valve (up to 760 mm Hg) and inert gas inlet.

Door with glass window. Without vacuum pump. Works on 220/230V, 50 Hz.



	Chamber Size (H x W x D)	Tray	Tray Capacity Inches
A	430x840x650 mm	8 Tray	16" x 32" x 5/4"
B	430x840x910 mm	12 Tray	16" x 32" x 5/4"
C	910x840x910 mm	24 Tray	16" x 32" x 5/4"
D	960x1270x1450 mm	48 Tray	16" x 32" x 3/2"
E	960x1700x1700 mm	96 Tray	16" x 32" x 5/4"

Optional:-

- Tray 16" x 32" x 5/4" size Aluminium.
- Tray 16" x 32" x 5/4" size Stainless Steel.
- Microprocessor PID Digital Temp. Controller with timer/Alarm.

SC-23 OVEN VACCUM

Outer body made of powder-coated Mild Steel or Stainless Steel, with inner chamber of SS 304. Glass wool insulation ensures minimal heat loss.

Equipped with uniform heating elements and a microprocessor digital temperature controller with indicator. Includes two valves—one for vacuum up to 760 mm Hg and one for inert gas inlet.

Door provided with glass viewing window. Supplied without vacuum pump. Operates on 220/230V, 50 Hz.



	Chamber Type	Inner Size (H x W x D)	No. of Tray	Capacity Liters	Temp. Range
A	Cylindrical	300 x 300	1 Nos.	24	50 - 150°C
B	Cylindrical	300 x 500	2 Nos.	40	50 - 150°C

	Chamber Type	Inner Size (H x W x D)	No. of Tray	Capacity Liters
A	Rectangular	350 x 350 x 350 mm	2 Nos.	49
B	Rectangular	450 x 450 x 450 mm	2 Nos.	95
C	Rectangular	600 x 600 x 600 mm	2 Nos.	224

Optional:

- PLC controller with 21 CFR software and data recorder.
- Radial lock door for cylindrical vacuum oven.
- Note: Please ask for other capacities of your requirement.
GMP Model inner and outer SS complete also available.