



Available Variants:

- 20 × 25 cm - 8 L (S.S. Chamber)
- 25 × 30 cm - 14 L (S.S. Chamber)
- 30 × 30 cm - 21 L (S.S. Chamber)
- 30 × 38 cm - 27 L (S.S. Chamber)
- 20 × 25 cm - 8 L (GMP)
- 25 × 30 cm - 14 L (GMP)
- 30 × 30 cm - 21 L (GMP)
- 30 × 38 cm - 27 L (GMP)
- 35 × 35 × 35 cm - 43 L (GMP)
- 30 × 30 × 30 cm - 27 L (Inner S.S.)
- 35 × 35 × 35 cm - 43 L (Inner S.S.)
- 45 × 45 × 45 cm - 92 L (Inner S.S.)
- 45 × 45 × 60 cm - 121 L (Inner S.S.)

Common Details for all variants:

- Double walled construction.
- Temperature controlled from 50°C to 200°C by AUTO TUNING PID Digital Temperature Indicating Controller.
- Complete with vacuum gauge.
- Complete with vacuum release valve.
- Complete with removable shelf.
- Supplied without vacuum pump.
- Client has to arrange vacuum pump on his own or can order optionally/separately.
- Working on 230 V AC, Single Phase.
- Door provided with centre glass window for viewing without opening the door.

Salient Features:

- Compact and unique design.
- Aesthetic exterior appearance.
- Highly reliable results.
- Reliable components and accessories to ensure quality.
- Gasket door with lock provides temperature safety and stability.
- Toughened glass window for easy viewing of the samples.
- Automatic high-temperature safety cut-off system.

Variant Specific Details:

20 × 25 cm - 8 L (GMP):

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



- Working chamber: S.S. 316 mirror polished.
- Outside: S.S. 304.
- Fitted with diaphragm valves and vacuum gauge.
- Two neon lamps indicating control cycles, mains and heater switch.

35 × 35 × 35 cm - 43 L (GMP):

- Working chamber: S.S. 316 mirror polished.
- Outside: S.S. 304.
- Fitted with diaphragm valves and vacuum gauge.
- Two neon lamps indicating control cycles as well as mains and heater switch.

30 × 30 × 30 cm - 27 L (Inner S.S.):

- Working chamber: S.S. 304 mirror polished.
- Outside: CRC powder coated.
- Fitted with T-Connection pipe on top of the oven and vacuum gauge.
- LED lamp indicating heater load and control operation.
- Optional accessories:
 - 21-CFR Compliance Software – Price On Request.
 - 4 Channel Data Logger with sensors – Price On Request.
 - Oil-Free Vacuum Pump, vacuum up to 680 mm, 40 L/min – Price On Request.
 - Oil-Free Vacuum Pump, vacuum up to 730 mm, 50 L/min – Price On Request.
 - Oil-Filled Rotary High Vacuum Pump, vacuum up to 760 mm, 50 L/min, single stage – Price On Request.

35 × 35 × 35 cm - 43 L (Inner S.S.):

- Inner chamber: Non-rusting material – Aluminum / S.S. 304.
- Aluminum die-casting chamber construction to offer leak-proof chamber.
- Hydrostatically tested inner chamber.
- Optional:
 - Rotary high vacuum pump – double stage – 50 L/min / oil-free vacuum pump.
 - Data Logger Blind – Multi-Point Recorder with Software.
 - IQ, OQ, PQ Documentation.
 - NABL Calibration.
 - Digital Vacuum Indicator Cum Controller.

45 × 45 × 45 cm - 92 L (Inner S.S.):

- Working chamber: S.S. 304 mirror polished.
- Outside: CRC powder coated.
- Fitted with T-Connection pipe on top of the oven and vacuum gauge.

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



- LED lamp indicating heater load and control operation.
- Optional accessories:
 - 4 Channel Data Logger with sensors and software – Price On Request.
 - Oil-Free Vacuum Pump, vacuum up to 680 mm, 40 L/min – Price On Request.
 - Oil-Free Vacuum Pump, vacuum up to 730 mm, 50 L/min – Price On Request.
 - Oil-Filled Rotary High Vacuum Pump, vacuum up to 760 mm, 50 L/min, single stage – Price On Request.
 - Digital Vacuum Indicator Cum Controller instead of analog vacuum gauge – Price On Request.
 - Vacuum pump has to be purchased with Digital Vacuum Controller for factory integration.

45 × 45 × 60 cm - 121 L (Inner S.S.):

- Working chamber: S.S. 304 mirror polished.
- Outside: CRC powder coated.
- Fitted with T-Connection pipe on top of the oven and vacuum gauge.
- LED lamp indicating heater load and control operation.

Variant Specifications

A. S.S. Chamber Variants

1. Vacuum Oven – S.S. Chamber – 20 × 25 cm – 8 L

Specification	Details
Temperature Controller Microprocessor Based Controller	
Control Accuracy	±3°C
Working Size	20 cm Dia. × 25 cm Depth
Chamber Volume	08 Liters
Kilo Watt	0.75 kW
Exterior Body	Mild Steel, duly powder coated
Inner Chamber	Thick 304 Grade Polished Stainless Steel
Insulation	High Quality Glass Wool Insulation
Door Material	S.S. Door with Toughened Glass Viewing Window

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



Specification	Details
Door Gasket	Silicon Door Gasket
Maximum Vacuum	760 mm Hg with separate vacuum pump
Vacuum Indication	2" Vacuum Gauge
Trays	304 Grade S.S. Trays, Removable
Overall Dimensions	520 × 600 × 960 mm
Weight	71 kg

2. Vacuum Oven – S.S. Chamber – 25 × 30 cm – 14 L

Specification	Details
Temperature Controller	Microprocessor Based Controller
Control Accuracy	±3°C
Working Size	25 cm Dia. × 30 cm Depth
Chamber Volume	14 Liter
Kilo Watt	0.75 kW
Maximum Vacuum	50–760 mm Hg with separate vacuum pump
Vacuum Resolution	20 mmHg
Vacuum Indication	2.5" Vacuum Gauge
Display	Analog Vacuum Gauge of 2.5 inch dia., WIKA or similar make
Overall Dimensions	520 × 600 × 960 mm
Weight	71 kg

3. Vacuum Oven – S.S. Chamber – 30 × 30 cm – 21 L

Specification	Details
Temperature Controller	Microprocessor Based Controller
Control Accuracy	±3°C
Working Size	30 cm Dia. × 30 cm Depth

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



Specification	Details
Chamber Volume	21 Liters
Kilo Watt	1.00 kW
Overall Dimensions	570 × 640 × 1010 mm
Weight	86 kg

4. Vacuum Oven – S.S. Chamber – 30 × 38 cm – 27 L

Specification	Details
Temperature Controller Microprocessor Based Controller	
Control Accuracy	±3°C
Working Size	30 cm Dia. × 38 cm Depth
Chamber Volume	27 Liters
Kilo Watt	1.25 kW
Overall Dimensions	570 × 730 × 1010 mm

The remaining specifications for these S.S. Chamber variants are common and are therefore already consolidated where applicable.

B. GMP Variants

5. Vacuum Oven – GMP – 20 × 25 cm – 8 L

Specification	Details
Temperature Controller Microprocessor Based Auto-Tune PID Temperature Controller	
Temperature Accuracy	±3°C
Chamber Volume	08 Liters
Chamber Size	20 cm Dia. × 25 cm Depth
Kilo Watt	0.75 kW
Temperature Sensor	PT-100 Type

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



Specification	Details
Temperature Display	LED Display
Overall Dimensions	520 × 600 × 960 mm

6. Vacuum Oven – GMP – 25 × 30 cm – 14 L

Specification	Details
Temperature Controller	Microprocessor Based Auto-Tune PID Temperature Controller
Temperature Accuracy	±3°C
Chamber Volume	14 Liters
Chamber Size	25 cm Dia. × 30 cm Depth
Kilo Watt	0.75 kW
Temperature Sensor	PT-100 Type
Temperature Display	LED Display
Overall Dimensions	520 × 600 × 960 mm
Weight	71 kg

7. Vacuum Oven – GMP – 30 × 30 cm – 21 L

Specification	Details
Temperature Controller	Microprocessor Based Auto-Tune PID Controller
Temperature Accuracy	±3°C
Chamber Volume	21 Liters
Chamber Size	30 cm Dia. × 30 cm Depth
Kilo Watt	1.0 kW
Temperature Sensor	PT-100 Type
Temperature Display	LED Display
Overall Dimensions	570 × 640 × 1010 mm
Weight	86 kg

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



8. Vacuum Oven – GMP – 30 × 38 cm – 27 L

Specification	Details
Temperature Controller	Microprocessor Based Auto-Tune PID Temperature Controller
Temperature Accuracy	±3°C
Chamber Volume	27 Liters
Chamber Size	30 cm Dia. × 38 cm Depth
Kilo Watt	1.25 kW
Temperature Sensor	PT-100 Type
Temperature Display	LED Display
Overall Dimensions	570 × 730 × 1010 mm

9. Vacuum Oven – GMP – 35 × 35 × 35 cm – 43 L

Specification	Details
Temperature Accuracy	±3°C or better
Temperature Resolution	0.5°C or better
Chamber Volume	43 Liters
Working Chamber	14" × 14" × 14" (35 × 35 × 35 cm)
Exterior Body	Matt Finished S.S. 304 Grade
Inner Chamber	Mirror Polished S.S. 316 Grade
Temperature Controller	Microprocessor Based Auto Tune PID Digital Temperature Controller Cum Indicator
Temperature Sensor	Pt 100 Sensor
Display	LED Digital Display
Observation Window	Provided on Door
Rating	1500 Watts
No. Of Shelves	2 Nos

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



Specification	Details
Maximum Vacuum	760 mm of Hg
Timer	0–999 Minute, Extra Cost

C. Inner S.S. Variants

10. Vacuum Oven – Inner S.S. – 30 × 30 × 30 cm – 27 L

Specification	Details
Temperature Controller Microprocessor Based Controller Cum Indicator	
Control Accuracy	±3°C
Working Size	12" × 12" × 12" (30 × 30 × 30 cm)
Chamber Volume	27 Liter
Kilo Watt	2.00 kW
Door Material	ALUMINIUM Door with Toughened Glass Viewing Window

11. Vacuum Oven – Inner S.S. – 35 × 35 × 35 cm – 43 L

Specification	Details
Temperature Controller Microprocessor Based Controller Cum Indicator	
Control Accuracy	±3°C
Working Size	14" × 14" × 14" (35 × 35 × 35 cm)
Chamber Volume	43 Liters
Kilo Watt	2.00 kW

12. Vacuum Oven – Inner S.S. – 45 × 45 × 45 cm – 92 L

Specification	Details
Temperature Controller Microprocessor Based Controller Cum Indicator	
Control Accuracy	±3°C
Working Size	18" × 18" × 18" (45 × 45 × 45 cm)

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



Specification	Details
Chamber Volume	92 Liters
Kilo Watt	2.00 kW
13. Vacuum Oven – Inner S.S. – 45 × 45 × 60 cm – 121 L	

Specification	Details
Temperature Controller Microprocessor Based Controller Cum Indicator	
Control Accuracy	±3°C
Working Size	45 × 45 × 60 cm
Chamber Volume	121 Liters
Kilo Watt	2.00 kW

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F