

VACUUM OVEN

Engineered for Precision.

Built for Reliability.

INTRODUCTION

Equipaxis Vacuum Oven is a precision-engineered heating system designed for efficient drying, vacuum heating, and moisture removal in laboratory and industrial applications. By operating under reduced pressure conditions, it enables safe and uniform drying of heat-sensitive materials while minimizing oxidation and contamination.

Built with advanced PID temperature control and a durable stainless steel chamber, the system ensures accurate temperature regulation, uniform heating performance, and reliable operation for pharmaceutical, research, chemical, and industrial laboratories.



KEY FEATURES



Wide Temperature Range

Wide operating temperature range from Ambient +5°C to 150°C / 250°C.



Digital PID Temperature Control

Digital PID controller for accurate and stable temperature control.



Uniform Jacket Heating System

Jacket type / external heating system for uniform heat distribution.



Durable SS 304 Inner Chamber

SS 304 inner chamber for corrosion resistance and long service life.



Vacuum-Sealed Toughened Glass Door

Toughened glass door with silicone gasket for effective vacuum sealing.



Integrated Vacuum Monitoring

Built-in vacuum gauge for precise vacuum monitoring and operation.



Smarter Heating. Safer Results.

SPECIFICATIONS

Temperature Range	Ambient +5°C to 150°C / 250°C
Temperature Accuracy	±1°C
Chamber Material	SS 304
Outer Body	GI sheet powder coated
No. of Shelves	1
Shelf Material	Stainless Steel
Heating System	Jacket Type / External Heating
Controller	Digital PID Controller
Display	LED Digital Display
Vacuum Gauge	Yes
Door Type	Toughened Glass with Silicone Gasket
Safety Features	Over Temp Cut-off, Vacuum Release Valve (Manual)
Power Supply	220V, 1 Phase, 50 Hz
Optional Accessories	Vacuum Pump

AVAILABLE MODELS

Model No	Chamber Dimensions	Temp. Range
EA451	12X12 (Dia X Depth)	upto 150°C
EA452	14X14 (Dia X Depth)	upto 150°C
EA453	12X12 (Dia X Depth)	upto 250°C
EA454	14X14 (Dia X Depth)	upto 250°C

SAFETY FEATURES

- ▶ Over temperature cut-off protection system.
- ▶ Manual vacuum release valve for controlled pressure release.
- ▶ Toughened glass viewing door for safe observation during operation.
- ▶ Leak-proof silicone gasket sealing for stable vacuum performance.
- ▶ PID-controlled temperature monitoring for reliable operational safety.



Scan to know more

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