

VACUUM OVEN

The high-performance **VACUUM OVEN** with excellent efficiency in making optimized distribution of heat & user-friendly control based on precise mechanism

FTVO series models



FEATURE

With the advanced Microprocessor, it features Auto-Tuning function which results in easy and quick control. This advanced Microprocessor-based Digital P.I.D Controller provides excellent Uniformity and Accuracy. Reserved ON/OFF function is efficiently carried out through Timer of wide-range, 1 minute to 99 hours 59 minutes. High-efficiency Over-Temperature Limit function fulfill reliable protection against overheating above a set temperature. The specialized temperature sensor, which is attached closely to shelves, carry out precise control on temperature of testing substance. Excellent heat-transmission is effected through shelves which are made of aluminium. With the optimized structure to enhance contact-performance, the Door Gasket helps end-user start making quick vacuum operation and maximize its efficiency of vacuum. User-friendly all-in-one type control panel.



Option :
 * High temp oven (300 °C, 400 °C, 500 °C),
 * Large oven, * Clean oven

GENERAL SPECIFICATIONS

Type	Natural convection oven
Temp Range	Amb +20 °C to 200 °C (Max 250 °C)
Temp Accuracy	±3 °C to 100 °C
Temp Controller	Digital PID controller
Temp Regulator	SSR controller
Thermocouple	PT-100 Ω
Vacuum Range	0 to 760 mmHg
Timer	Range : 99 Hr 59 Min, Controller: Digital display
Internal Material	Stainless steel
External Material	Steel plate with powder coating
Insulation	Ceramic wool, Glass wool
Door Packing	Silicon rubber packing
Shelves	Stainless steel
Window	High temp, Safety glass 12 mm
Safety Device	Over current circuit breaker
Power	AC 220 V, 50/60 Hz, 1 Ø

INDIVIDUAL SPECIFICATIONS PER MODEL

MODELS	FTVO-701	FTVO-702	FTVO-704	FTVO-703	FTVO-705
	FTVO-701P	FTVO-702P	FTVO-704P	FTVO-703P	FTVO-705P
Capacity	27 Liters	64 Liters	80 Liters	125 Liters	252 Liters
Internal Dimension (W x D x H) (mm)	300 x 300 x 300	400 x 400 x 400	400 x 500 x 400	450 x 450 x 450	600 x 700 x 600
External Dimension (W x D x H) (mm)	530 x 460 x 680	630 x 560 x 780	630 x 660 x 780	620 x 610 x 925	850 x 900 x 1,200
Heater Capacity	1.5 KW	2.1 KW	2.5 KW	1.2 KW	6.5 KW
Shelves	2 EA	2 EA	2 EA	2 EA	3 EA