

VACUUM OVEN

CLVO-27T / CLVO-64T

A vacuum drying with the possibility of chamber air extrusion by inert gas is offered by the line CLVO that can be used not only for heat labile and oxidation sensitive substances (powder, granulates, ...) but also for pieces with hardly accessible openings and threads. These units are ideal for drying of samples up to a constant mass. They are to be used especially in the sphere of plastics processing, in pharmaceutical, chemical, electrical and other industries.



BIG VOLUME FOR MORE DRYING

30.7 & 64 LT volume option



TOUCH SCREEN DISPLAY

A high-resolution touchscreen display, where all parameters can be easily set and monitored.



DIGITAL VACUUM CONTROL

Control system for automatic activation of the vacuum pump. Automatically controls the system at the set vacuum value.



UNIQ HEATING STYLE

Shelf system, each of which can make heating. In case of removing the shelves, the unit undertakes the function of the base heat. In this way, high products can be loaded into the oven.



UNIVERSAL KF16 VACUUM PORT

Universal connections are preferred, offering high-level vacuum performance over conventional hose connections. This results in optimum drying performance.



VACUUM PUMP CABINET

It aims to provide a quiet working environment with polyurethane insulation which minimizes the working noise of the vacuum pump.



SECURITY

With the original leakage current relay, high level safety is provided for the user. 12 mm Thickness windscreen ensures high vacuum durability.

INERT GAS PURGE SYSTEM

Automatic inert gas can be applied to the system to create oxygen-free environments. Purge number can be controlled by user.

GENERAL DATA

Device	Laboratory device
Device type	Vacuum Oven
Standards	
Identification	CE
Quality management	DIN EN ISO 9001:2008

GENERAL TECHNICAL DATA

Capacity	30,7 Lt. and 64 Lt.
Temperature	Ambient +5°C to 200°C / PT100
Accu./Uniformity	± 0.5°C at 100°C / ±2.0°C at 100°C
Timer & Alarm	99hr59min(withdelay/Continuousrun.) Errorstatus&Timer-end
Vacuum Range	10 ~ 750 mmHg /1100 ~ 1 mbar
Heat-up Time	35 min.to100°C, 75 min.to190°C
Display	5" Full Touch Screen TFT LCD
Resolution	Control : ±1.0°C, Display : ±0.1°C
Shelves	Included 2ea Aluminum Shelves with heating element (for 165T-5 Shelves)
Controller	Full Automatic PID for Temp & Vacuum
Vacuum Inlet	KF16

MATERIAL-SPECIFIC DATA

Material of work area	1.5 mm thick stainless steel, material no.: 1.4301
Shelf Material	6000 Series Aluminium
Housing material	Powder-coated 1.2 mm thick Zincor steel plate, material no.: 1.0330

ELECTRICAL DATA

	27T	64T	165T
Nominal voltage/ nominal frequency	220 V AC / 50 Hz	220 V AC / 50 Hz	380 V AC / 50 Hz
Power consumption	1.950 W	2.550 W	4500 W

MECHANICAL DATA

	27T	64T	165T
Interior (mm)	320x320x300	400x400x400	580x580x500
Exterior (mm)	665x470x535	765x575x635	780x780x700
Packing Size	710x762x970	780x826x1,030	880x880x800
Gross Weight	76 kg	114 kg	150 kg

OPTIONALS DATA

Vacuum Pump
Vacuum Pump Box
Vacuum Component