VACUUM OVEN

A device for drying the sample by adjusting the vacuum within the chamber,
It can be dried in a short time without worrying about the remaining formation and oxidation.
Higher quality finish inside / seal used for a high degree of vacuum.
Was designed as a 2T SUS material to prevent the contraction of the vacuum chamber during operation,
12T thickness heat strengthened glass door of the stable was used.

Feature

The digital PID controller allows accurate temperature control is a built-in auto-tuning function.
Since vacuum is used to 2.0T or more Stainless steel plate with reinforcement in order to prevent contraction of the vacuum chamber.
If the glass is completely broken shards were used (powder) 12T inducing heat strengthened glass (Aging treatment)
Heater using the aluminum plate as the Block pin heater structure of specific regions spread widely columns
High-temperature supply of calories without even distribution.
They vacuum lines and vacuum lines are separated terminate faster vacuum settings.
A gasket for sealing is used, such as a Silicon grade used for a good durability at a high temperature.

SPECIFICATION

MODEL NO	PHVA 27	PHVA 64
Dimension_IN(WxDxH)mm	300 x 300 x 300	400 x 400 x 400
Dimension_OUT(WxDxH)mm	650 x 488 x 750	650 x 588 x 750
Material (Interior)	Seamless stainless steel(SUS 304 and aluminum shelf & chamber)	
Material (exterior)	Steel plate with powder coating	
Heater	800w	1.6kw
Power consumption	3.5A	7.2A
Temp.Range	Ambient +10 ℃ ~ 200 ℃	
Temp.Uniformity	±3.0 ℃ at 120℃	
Temp.Wait off timer	mm:ss 59 / hh:mm 99 / Continuous selectable	
Temp.Sensor	PT 100 Ω	
Controller	Digital P.I.D controller with timer, auto-tuning, 5 kinds of image print out	
Safety	Over temp. dial-type limitation	
Electrical	Electrical leakage breaker	
Plug type	European 220 VAC 50/60Hz STD 1 phase	
Option	RS-232c or 485 Interface port, software, com port cable	

Branch: 14 Fawzy Soliman St., From El Haram St., Giza, Egypt P.O.Box: 127 Giza, Egypt Code:12515
Tel. Fax:+(202) 33943004 / Mobile: +2 / 01223415321-0111221096-01011811884
www.photoscience-co.com / info@photoscience-co.com