



DRYVA Vacuum Drying Oven

Digital PID Controller

 Max. temp.
200°C

Download
Catalogue



LCD

t° LIMITER

The COLO Vacuum drying oven is a precision device in your laboratory for heating, drying, ageing, sample preparation in science industry, quality assurance, education... Precision temperature sensor, programmable thermo controller, interior and exterior made of high-quality materials, will give your work precision and comfort. Natural air circulation is supported by individual heating shelves (DRYVE)- provide high temperature uniformity in chamber and protect your samples. High quality corrosion resistant material is ideal for easy cleaning and long-term exploitation. Short heat up time save your time during the work process. High quality insulation prevents heat loss and saves your energy.



RT+5 -200°C

Up to 200°C hi temperature uniformity



Vacuum Meter

Built vacuum meter indicate vacuum level in the chamber. Vacuum pump Is optional.



Microprocessor PID Control

Intelligent temperature controller with temperature and timing function prevent temperature hysteresis, overheating provide temperature stability...



Double Tempered Glass Window

for samples observation,



Time Programing

Timer programing from starting controler or when temperature reach setting value

	DRYVA25	DRYVA52	DRYVA91	DRYVE25	DRYVE52	DRYVE91
Volume Litter	25	52	91	25	52	91
Warming up time min.	80	100	120	80	100	120
Air Circulation	Natural inside chamber					
Heating method	Four side heating			Separately temperature settings on each shelve individually		
Vacuum degree range	≤133					
Temperature range	Rt+5 - 200°C					
Temperature resolution	0,1°C					
Temperature fluctuation	1°C					
Display type	LED temp and time settings, PID control,			LCD with graphic , programmable 50 temp and time ramp, real time temp curve record,		
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, self tuning,					
Adjustable exhaust air flap	Ø28mm on top with function of test hole					
Timer	0-9999min with timing wait function					
Housing	Cold rolling still with electro static spraying exterior					
Temperature sensor	Pt100					
Vacuum measurement method	Analogue vacuum meter					
Door	Door with tempered glass observation window Door with tempered glass observation window					
Operation function	Temperature settings, timing function, auto stop, internal parameter locking, temperature correction, auto tuning, parameter memory in the case of electrical cut off, over temperature sound and light alarm					
Standard shelf number	2					
Load per shelf (max)	15kg					
Voltage	220V, 50/60 Hz					
Power	0,8kW	1,4kW	2kW	0,8kW	1,4kW	2kW
Inner chamber size W*H*D mm	300*300*280	415*370*340	450*450*450	300*300*280	415*370*340	450*450*450
External size W*H*D mm	580*570*450	700*560*544	610*1400*640	580*570*450	700*560*544	610*1400*640
NV/GV kg	42/52	67/92	82/105	42/52	67/92	82/105
Standard Temperature Certificate	At 160°C in the chamber centre Issued by COLO technical service					
Temperature certificate (optional)	One or multi point temp, mapping, issued by accredited laboratory					
Optional accessories	Shelf, RS485 interface, RS232, Printer, Program Temperature Control device, Remote control, Wi-Fi control, Temperature Controller with ramp settings, USB data storage, Touch Screen Display, Vacuum pump, silica gel connecting pipe					