



DRYBF High Capacity Drying Oven

Digital PID Controller

 Forced Air Convection

 Max. temp. 250°C

Download Catalogue 

LCD **t° LIMITER**

The COLO High Capacity 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 or forced air circulation 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 -250°C

Up to 250°C hi temperature uniformity



Forced Air Convection

Forced Horizontal Air Convection – High Chamber Temperature Uniformity,



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

Type	DRYBF640	DRYBF1000	DRUBF1500	DRYBF1700	DRYBF3000
Price					
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Item	DRYBF640	DRYBF1000	DRYBF1500	DRYBF1700	DRYBF3000
	DRYBE640	DRYBE1000	DRYBE1500	DRYBE1700	DRYBE3000
Volume Litter	640	1000	1300	1870	3070
Air Circulation	Forced Air Circulation (Convection)				
Temperature range	Rt+5 - 250°C				
Temperature resolution	0,11°C				
Temperature fluctuation	±1°C				
Display type	LED DRYBF/LCD DRYBE				
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				
Door with tempered glass observation window	Series DRYSD has equipped with tempered glass, Series DRYSE without tempered glass				
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				
Optional shelf number (max)	11	11	15	15	18
Load per shelf (max)	30kg				
Voltage	380V/50-60Hz				
Power	5,4kW	6,6kW	9kW	12kW	18kW
Inner chamber size W*L*H mm	800*800*1000	1000*1000*1000	1000*1000*1300	1200*1200*1300	1600*1200*1600
NV/GV kg	200/250	260/310	350/400	480/550	800 /900
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, Printer, Program Temperature Control device, Remote control, WF control, Temperature Controller with ramp settings, USB data storage, Touch Screen Display,				

Please note

If this Drying Oven does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts



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