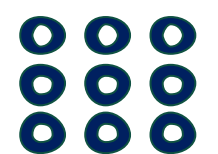




DRYSD Drying Oven with Forced Air Circulation LED



Forced Air
Convection



Max. temp.
300°C

Download
Catalogue



LED

Digital PID Controller

Price - €

The DRYSD universal 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. Forced air circulation or forced air circulation provide high temperature uniformity in chamber and protect your samples. Inner chamber made from 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 -300°C

Temperature limiter at 300°C as a standard



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, Auto diagnostic system



Double Tempered Glass Window

for samples observation,



Time Programing

Timer programing from starting controler or when temperature reach setting value

Item	DRYSD30	DRYSD45	DRYSD65	DRYSD85	DRYSD125	DRYSD230	DRYSD625
Volume Litter	30	45	65	85	125	230	625
Air Circulation	Forced Air Circulation (Convection)						
Temperature range	Rt+5 - 300°C						
Temperature resolution	0,1°C						
Temperature uniformity	±2 at 70°C						
Temperature accuracy	±1at 70°C						
Temperature fluctuation (sensitivity)	1°C						
Display type	Digital, LED temperature and timing						
Door sensor	Yes						
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, self tuning,						
Adjustable exhaust air and moisture flap	Ø28mm on top with function of test hole						
Timer	1min-9999min with (timing delay start 1min to 99,9min) / or no time limit						
Housing	Cold rolling still with electro static spraying exterior / DRYSE - embossed SUS304						
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. Acoustic and sound alarm: over temperature, temperature uniformity, end process, sound and light alarm						
Standard shelf number	2						
Optional shelf number (max)	6	7	9	9	13	17	7
Load per shelf (max)	15kg						
Voltage	220V/50-60Hz						220/380V
Power	0,7kW	8.5kW	1kW	2kW	2,5kW	3kW	5kW
Inner chamber size W*L*H mm	310*310*310	422*278*360	400-360*450	450*420*450	500*450*550	600*500-750	660*760*1250
NV/GV kg	33/37	37/43	44/49	60/56	80/90	94/120	120/160
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



Laboratory Equipment production and Distribution

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