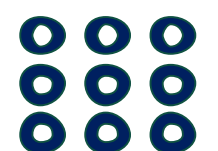




DRYSG Drying Oven with Forced Air Circulation



Forced Air
Convection



Max. temp.
250°C

Download
Catalogue



LED

Digital PID Controller

Price - €

The DRYSG universal drying oven is a precision device in your laboratory for heating, drying, ageing, sample preparation in science industry, quality assurance, education...

Inner chamber made from stainless steel with rounded corners. Precision temperature sensor, programmable thermo controller, interior and exterior made of high quality materials, will give your work precision and comfort. Forced motor fan air circulation provide high temperature uniformity in chamber and protect your samples. 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. Program for automatic microprocessor control with auto diagnostic system. PID parameters settings provide automatic perfect hating performance adjustment,. Microprocessor internal memory provide full system control and save the data in the case of the fault.

Electromagnetic switch foot provide hands free door opening
Analogy and automatic tuning of air circulation



RT+10-250°C

Hi temperature uniformity with adjustable over temperature protection up to 250°C .



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



Optional TFT touch
screen display with
USB communication
port



Mobil app temperature
control - optional

Item	DRYSG43	DRYSG71	DRYSG136	DRYSG225
Volume Litter	43	71	136	225
Air Circulation	DRYSG Horizontal Forced Air Circulation			
Temperature range	Rt+10 - 250°C			
Temperature resolution	0,1°C			
Temperature precision	±0.3-0.55°C (at 100°C)			
Temperature uniformity	±1			
Working Ambiental temperature	5°C to 40°C			
Relative humidity	80%rh (without condensation)			
Display type	LED (Smart TFT full colour touch screen is optional)			
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, auto 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 A Class			
Door with tempered glass for sample observation window	Yes, Dimension tempered glass H*W 250*204 mm			
Operation function	Digital display temperature settings, timing function, auto stop, internal parameter locking, temperature correction, PID auto tuning, parameter memory in the case of electrical cut off. Sound and light alarm: Hi and low temperature limit, end program, overheating. Settings menu lock,			
Standard shelf number	2			
Optional shelf number (max)	9	13	17	21
Load per shelf (max)	15kg			
Voltage	220V/50-60Hz with built in circuit braker			
Power	1,2kW	1,6kW	2,3kW	3kW
Inner chamber size W*D*H mm	350*350*350	450*350*450	550*450*550	600*550*750
Outer Dimension W*D*H mm	652*472*587	750*470*680	852*572*786	902*622*986
NV/GV kg	33/37	45/50	62/68	77/96
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	Stand for drying oven H-80cm, Casters for stand, perforated shelves, Wi-Fi temperature control by mobile application, TFT touch screen			

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.

www.colo.si

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