



## DRYSAT Drying Oven with Natural Air Circulation



Natural Air  
Convection



Max. temp.  
300°C

Download  
Catalogue



LED

Digital PID Controller

Price - €

The DRYSAT 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.

Natural air circulation or forced 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.

Device sensitivity:  $\pm 5\%$



### RT+5 -300°C

Up to 300°C hi temperature uniformity



### Natural Air Convection

Natural air convection prevent dusting in chamber, fast and accuracy temperature uniformity,



### LED Display

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



### Double Tempered Glass Window

for samples observation, Corrosion resistant steel chamber with rounded corners



### Time Programing

Timer programing from starting controler or when temperature reach setting value

Drying Oven	DRYSAT18	DRYSAT22	DRYSAT45	DRYSAT65	DRYSAT85	DRYSAT125
Volume Litter	18	22	45	65	85	125
Air Circulation	Natural Air Circulation (Convection)					
Temperature range	Rt+5 - 300°C					
Temperature resolution	0,1°C					
Temperature fluctuation	1°C					
Display type	LED					
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	Yes					
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)	6	6	7	9	9	13
Load per shelf (max)	15kg					
Voltage	220V/50-60Hz					
Power	0,6kW	0,55kW	1,2kW	1,6kW	2kW	2,5kW
Inner chamber size W*L*H mm	260*260*260	281*281*281	350*350*350	400-360*450	450*420*450	500*450*550
NV/GV kg	27/35	33/37	37/43	44/49	60/56	80/90
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,					