



RAKAPOSHI300 Plant Growth Test Chamber 300 L Temperature, Humidity, Light -Wi-Fi temperature/

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Catalogue



- COLO RAKAPOSHI300 Plant Growth Test chamber,
- Temperature
 - Humidity
 - Light
 - All parameters can be read by mobile application (optional)
 - High quality temperature sensor class A
 - High temperature uniformity
 - Humidifier, dehumidification by evaporator
 - Four Castors



Temperature +5 to 50°C
If light on +10 to 50°C



Humidity 50% -90%RH
With illumination 50-80%



Illuminance up to 0-20000LUX



Capacity 300 L



Parameters saved automatically
If the power off or system error

Type	RAKAPOSHI300	
Internal Dimension mm	520*550*1140	
Overall dimensions	830*850*1850 D*P*H	
Internal volume L	300	
Power	220V/50-60Hz 500W	
Temperature range	Light on - +10 - +50°C	
	Light off - +5 - +50°C	
Temperature fluctuation	±0,5°C	
Temperature uniformity	±1°C	
Temperature fluctuation tolerance	±1°C	
Temperature uniformity tolerance	±2°C	
Humidity range with illumination	50-80% RH (18-45°C)	
Humidity range without illumination	50-90% RH (15-45°C)	
Humidity resolution	±5%RH	
Illuminance	0-20000LX	
Continues working time	≥180h	
Cooling	Cooling system	Mechanical, Compression refrigeration system
	Refrigerating unit	Compressor
	Refrigerant	R16
Humidity System	Humidifier, dehumidification by evaporator	
Lighting System	Three side Cold LED lighting (6 level adjustable)	
Controller	PID programmable controller	
Temperature sensor	High grade A level Pt 100	
Humidity Sensor	Dry and Wet bulb sensor	
Light sensor	Light sensor monitoring	
Safety device	Independent temperature limit alarm system; Power off Protection; Over current Protection; Refrigerant High pressure Protection; Earth Leakage Protection	
Shelves	3 pcs adjustable as standard	
Interior material	SUS304 Stainless Steel	
Castor	Four castors	
Maximum noise	≤65dBA	
Net weight/gross weight	300/350kg	
Optional Accessories	Smart Phone, Wi-Fi CO2 control, Additional shelves, Printer, Bluetooth connection,	

Please note

If this Climatic Chamber 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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