Precision/Vacuum Oven

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DSV

Product Overview

Suitable for drying, baking, sterilization, disinfection, heat preservation, and heat treatment tests of non-volatile items in industrial and mining enterprises, schools, food, chemical, medical, and research institutions.
Arbitrary constant temperature setting, simple operation, and accurate temperature control. Additional ultra-high temperature oven series available, with maximum temperature up to 500℃

Vacuum ovens, also known as vacuum drying ovens, are widely used for drying and baking devices under vacuum conditions. Integrated design, with a stainless steel working chamber and glass door, and an outer shell made of high-quality cold-rolled steel plate, filled with environmentally friendly aluminum silicate fiber cotton, and surface-coated for durability.
Equipped with high-efficiency energy-saving heaters and a sophisticated control system, with layered heating in the chamber for more uniform temperature distribution.
PLC and touch screen control, PID temperature control for precise temperature regulation without overshooting.

Model	DSUO-27-200	DSUO-72-200	DSUO-100-200	DSUO-290-200
Power	3KW	4KW		
Control Range	60℃ to 200℃			
Vacuum Limit	133Pa			
Chamber Dimensions (W*H*D)mm	300*300*300	400*450*400	450*450*450	600*950*500

Model	DSV-50A/B	DSV-100A/B	DSV-216A/B	DSV-290A/B	DSV-324A/B	DSV-432A/B	DSV-768A/B	DSV-1000A/B
Temperature Range	(Type A) RT+20℃ to +200℃ (Type B) RT+20℃ to +300℃							
Temperature Fluctuation	±0.5℃							
Temperature Uniformity	±2.0℃ (RT+20 to+100℃) ±3.0 ℃ (+101 to +200℃)							
Interior size (mm) (WxHxD)	400x400x340	500x500x400	600x600x600	600x950x500	600x900x600	600x1200x600	800x1200x800	1000x1000x1000
Exterior size (mm) (WxHxD)	640x845x698	1040x880x905	840x1140x1005	840x1490x905	840x1440x1005	840x1740x1005	1040x1740x1205	1240x1540x1405
Floor area （m²)	0.45	0.94	0.85	0.76	0.85	0.85	1.25	1.74
Heating Time	RT+20℃ to +200℃ 60min（Empty）							
Internal Chamber Material	High-quality SUS stainless steel, fully							
External Chamber Material	Welded							
Insulation Material	High-quality cold-rolled steel plate, surface electrostatic powder							
Protection Devices	coating High-quality glass fiber wool, flame retardant grade A1							
Standard Accessories	Over-temperature protection, overheat protection relay, fan overload protection, fuse, phase loss protection, overload short-circuit protection, alarm action.							