Vertical Autoclave/Steam sterilizers IVA-1600D

Vertical Autoclave/Steam sterilizers IVA-1600D are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilization. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available in 54 liters, chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-1600D is widely used for sterilization applications in laboratory, hospitals, and clinics as well as for industrial sterilization applications in biotechnology and pharmaceutical industries. Comes with sterilization cycle including solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for D model), Customized cycle.

Technical Specification:

Model	IVA-1600D
Capacity (liters)	80L
Operating Temperature (℃)	5 to 45℃
Sterilisation Temperature (℃)	105-135℃
Drying Temperature Range (℃)	80 to 140℃
Working Pressure	0.25Mpa
Maximum Operating Pressure	0.3Mpa
Sterilisation Timer	1 to 6000 minutes
Melting Timer	1 to 6000 minutes
Drying Time	1 to 300 minutes
Stainless Wire Baskets	2x(360x280 mm)
External Dimensions (w x d x h) mm	620x680x1100 mm
Power (W)	4600 W
Electrical Requirements	220V,16A□50/60HZ
Catalogue No.	580403002

Technical Data:

Model	IVA-1200	IVA-1200D	IVA-1400	IVA-1400D	IVA-1600	IVA-1600D	IVA-1800	IVA-1800D
Difference	Without Drying	With Drying	Without Drying	With Drying	Without Drying	With Drying	Without Drying	With Drying
Capacity	36 L		54L		80 L		100 L	
Materials	SUS 304							
Sterilization Cycle	Solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for D model), Customized cycle							
Temperature Accuracy	0.1?							
Melting Temperature	60-100?							
Melting Time	1 to 6000 minutes							
Operating Pressure	0.25Mpa							
Maximum Pressure	0.3Mpa							
Steel Basket	2x(300x200 mm)		3x(300x200 mm)		2x(360x280 mm)		3x(360x220) mm	
Sterilization Temperature	105-135?							
Sterilization Time Range	1 to 6000 minutes							
Drying Temperature	80 to 140?							
Display	LCD							
Drying Time Range	1 to 300 minutes							
Working Temperature	5 to 45?							
Humidity	10 to 85%							
Certification	-	-	-	-	-	-	-	-
Storage	60 cycles, record 1000 process							
Power Consumption	2300 W		2600 W		4600 W		4600 W	
Dimension	460x542x1070 mm		460x542x1070 mm		620x680x1100 mm		620x680x1200 mm	
Net Weight								
Electrical Requirement	220V,16A?50/60HZ				220V,32A?50/60HZ			
Catalogue No.	580400502	580401002	580401502	580402002	580402502	580403002	580403502	580404002

Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States