Tabletop Autoclave ITA-223(220V/50Hz)

The ITA-223 front loading ‘Benchtop’ autoclave range is available in four sizes. These units require no plumbing, and only a standard single phase power supply. A 5.7-inch colour touchscreen with integrated USB data port. Electro polished stainless steel chamber. Simple pre-post vacuum option available with adjustable time and temperature range. The ITA-223 is available in four sizes 23 L and is one of the most energy efficient autoclaves available. The pressure vessel design ensures the absolute minimum amount of water is used during a sterilization cycle, which not only means comparably low power consumption, but also very quick heating and cooling. A benchtop autoclave has a variety of uses, being suitable for sterilizing laboratory glassware, plastic receptacles and containers, petri dishes, un-wrapped instruments, media, and occasional discard loads.

In addition to laboratory use, it is widely used in scientific research, process manufacturing, veterinary and medical healthcare industries.

Technical Specification:

Model	ITA-223
Capacity (liters)	23 L
Chamber Dimensions (mm)	250x450 mm
Operating Temperature (℃)	134 °C
Sterilisation Temperature (℃)	121℃,134℃
Working Pressure	2.1 bar
Warming Time	0 to 7 minutes
Drying Time	18 minutes
Safety Devices	Safety valve, Pressure interlock, door alarm, automatic breakdown check. Over temperature and pressure protected.
External Dimensions (w x d x h) mm	625x425x456 mm
Shipping Dimensions (w x d x h) mm	750x545x450 mm
Power (W)	2000 W
Electrical Requirements	220V/50Hz
Catalogue No.	580052002

Technical Data:

Model	ITA-212		ITA-216		ITA -218		ITA-223	
Chamber Volume	12 L		16 L		18 L		23 L	
Insulation Class	class B							
Control Accuracy	Temperature 0.1 ?, Pressure 0.001 bar							
Sterilization Level	Class B							
Sterilization Temperature	121?,134?							
Special Sterilization	HIV/AIDS, hepatitis b (HBV), mad cow virus and spore.							
Drying Procedure	A strong negative vacuum drying							
Operation Interface	Adopt the operation of the new interface LCD screen can display temperature and pressure time running state, fault alarm information, etc							
Test system	Bowie & Dick Steam penetration test, Vacuum test, Helix test							
Control Accuracy	Temperature 0.1°C, pressure 0.1 K pa.							
Sterilization Data	External USB connection , (printer is optional)							
Multiple Safety	Interlock protection device: Safety valve, Pressure interlock, door alarm, automatic breakdown check. Over temperature and pressure protected.							
Water System	Internal open water tank, easy to clear.							
Sterilization Configuration	Activities tray rack, match 3 pallets							
Display	LCD display							
Working Temperature	134 °C							
Working Pressure	2.1 bar							
Warm Up Time	0 to 7 minutes							
Pump down Time	10 minutes							
Air Intake Time	4 minutes							
Working Time	6 minutes							
Drying Time	18 minutes							
Quick Drying Time	9 minutes							
Total Time	40 minutes							
Security	Safety valve, pressure system, mechanical and electric lock. Self-diagnosis, pressure-protection device, heating-exceeding							
Test Programmers	Helix/BD Test; Vacuum Test							
Drying Progress	3-times pulsation vacuum, temperature less than 0.2% after finish							
Interface	USB/External Printer							
Power Consumption	1600 W		1700 W		1800 W		2000 W	
External Dimensions	625x425x456 mm		625x425x456 mm		625x425 x456 mm		625x425 x456 mm	
Chamber Dimensions	200x360 mm		230x360 mm		250x360 mm		250x450 mm	
Internal Dimensions	616x460x420 mm		616x460x420 mm		616x460x420 mm		616x460x420 mm	
Net Weight	-		-		-		-	
Shipping Dimensions	655x545x450 mm		655x545x450 mm		655x545x450 mm		750x545x450 mm	
Gross Weight	-		-		-		-	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	580050501	580050502	580051001	580051002	580051501	580051502	580052001	580052002

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