AUTOCLAVE VERTICAL (OLSC-101 Series)





CUSTOMIZED PRODUCT CAN BE PROVIDED

APPLICATION AREAS:

- Autoclave Vertical are most ideal for critical applications requiring assured and reliable total destruction of all living micro- organisms
- Autoclave Vertical is low cost options for general sterilization ideal tool for Laboratories, Hospitals, Nursing Homes, R&D labs etc, Pharmaceutical, Food &Beverage Industries and Institutions

NSIC CERTIFIED CO.

Specification

- Inner Chamber, constructed from S. S. 304 Grade
- Outer body constructed from S. S. 304 Grade Or Mild steel duly powder coated
- Bucket / Basket Made of Stainless Steel
- Water Level Indicator
- Lid Closing by Radial Locking System
- Sealing of Lid by Neoprene Rubber Gasket / Joint less silicon gasket
- Lid is fitted with Pressure Gauge, Spring Loaded Safety Valve.
- Operating range from 15psi to 20psi pressure
- Sterilizing Temperature up to 134°C
- Tested up to 2.5 times of required Pressure
- Fitted with Microprocessor based PID controller with respect to time and temperature
- Voltage: 220 Volts AC (50 Hz)

Fully Automatic Model Are Also Available

Model	OLSC-101-22	OLSC-101-40	OLSC-101-50	OLSC-101-100S	OLSC-101-152
Inner Dimensions (Dia x Height)	250x450mm	300x500mm	350x550mm	450x600mm	550x750mm
Inches Conversion	10 x 18	12 x 20	14 x 22	18 x 24	22 x 30
Capacity	22 Liter	40 Liter	50 Liter	100 Liter	152 Liter
Working Load	2.0 KW	2.0 KW	3.0 KW	4.0 KW	6.0 KW
Gasket	Made of Neoprene Rubber / Joint less silicon gasket				
Sterilizing pressure	1.2 kgf / cm (15psi)at 121°c				
Pressure Gauge	0-2.1 kgf / cm² (30 psi)				
Operating pressure	From 15 to 20psi (Adjustable)				
Inner Pressure Tank	Stainless Steel (SS-304)				
Top Lid	Mild Steel Plate lined with Stainless Steel from inside / Complete Stainless Steel 304 grade				
Basket	Stainless Steel 304 grade				
Lid Tightening	Radial Locking system worked by handle				
Lid Opening	Paddle lifting device				
Water Level Indicator	Fitted on the outer chamber				
Boiler – Hydraulically Tested	Upto +40 psi				
Accuracy	+ 3 psi				
Safety Device	Spring Loaded Type				
Water Draining System	Hand Operated Valve				
Heating	BY ISI Marked Immersion Heaters				
Steam & Vacuum Release	By Valve				

OPTIONAL ACCESSORIES:	
Present Pressure Operation	Automatic Switch PIEZOSTAT (Pressure Control Switch)
Heater Safety	Automatic cut-off Device
Pre-set Time Operation	By Mechanical / Digital Timers Analogue 0-60 minutes
Temperature Display	By Dial Type / Digital Temperature Indicators with LED display.
Temperature Recording	Thermograph with / without digital display – Circular Type
Dry Sterilization	Triple wall arrangement
PLC control panel	For automatic purging and programmable cycle control
LCD graphic display	Steam generation process, auto air-purging phase, sterilization and auto steam-exhaust phase proceed automatically. If any errors are depicted they are displayed on Graphic Screen.

OCEAN LIFE SCIENCE CORPORATION

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