

# Pre Vacuum Steam Autoclaves



Serve Health Forever



## Categories: Hospital CSSD



**BASIC FUNCTION:** The autoclave uses saturated steam as sterilizing medium. The first stage is a steam pulsation/vacuum method to effectively remove all the air from porous packs and to raise the packs temperature prior to the sterilizing stage. After sterilizing, it adopts to a high-vacuum to effectively remove all moisture from the packs.

**APPLICATION:** The hospital series autoclaves are equipped to complete the following cycles,

- “Wrapped Goods”
- “Un-Wrapped Goods”
- “Bowie-Dick Test Cycle”
- “Low-Temperature Wrapped Goods”
- “Small volumes of Liquids”
- “Leak Test”

### DOOR CONFIGURATIONS:

Type of Door	Single Door	Pass Trough System
Automatic Sliding Door:	JSD Series	JSDS Series
Manual Hinge Door:	JDH Series	JDHD Series

### ACCESSORIES:

All autoclaves are PLC controlled, fully automatic and can be equipped with flush mounted cycle printers. All autoclaves can be equipped with Internal Steam Generators. All autoclaves sized 600lts and above are equipped with a carriage and trolley set. All autoclaves sized below 600lts are equipped with two internal sliding trays. All autoclaves are equipped with soft touch screens with a clear two line LCD display. All autoclaves are equipped with emergency stop buttons. All autoclaves are manufactured with accordance to the South African SABS 982-1990 standard specifications for high-pressure high-vacuum steam sterilizers. All autoclaves have a five year pressure vessel integrity warranty. All autoclaves can be equipped with high quality solenoid or pneumatic valves. All autoclaves are equipped with rapid drawing vacuum-pumps. All autoclaves are equipped with the most sophisticated water saving technics available.

### Hospital Vacuum Sterilizer (Sliding Door)

SPECIFICATION	JSD 160	JSD 200	JSD 400	JSD 600	JSD 1200	JSD 2000
<b>MAIN PARAMETER</b>						
Volume (m <sup>3</sup> )	0.16	0.2	0.4	0.6	1.2	2.0
Inner size (LxWxH)	745x460x460	970x460x460	915x660x660	1240x660x660	1530x750x1050	1700x1000x1200
Outer size (LxWxH)	1280x850x1800 (Single door) 1110x850x1800 (Double door)	1880x850x1800 (Single door) 1325x850x1800 (Double door)	1680x1200x1950 (Single door) 1225x1200x1950 (Double door)	2000x1200x1950 (Single door) 1580x1200x1950 (Double door)	1785x1450x1900 (Single door) 1870x1450x1900 (Double door)	2060x2000x2000 (Single door) 2100x2000x2000 (Double door)
Steam Usage (Kg)	0.4-0.6 Mpa 13Kg	0.4-0.6 Mpa 16Kg	0.4-0.6 Mpa 23Kg	0.4-0.6 Mpa 34Kg	0.4-0.6 Mpa 72Kg	0.4-0.6 Mpa 114Kg
Water (Lt)	40lt	45lt	55 lt	60lt	65lt	70 lt
Compressed air (mPa) where applicable	0.5-0.8	0.5-0.8	0.5-0.8	0.5-0.8	0.5-0.8	0.5-0.8
Power: Unit/Boiler	3Kw/18Kw	3Kw/18Kw	3Kw/36Kw	3Kw/36Kw	3Kw/72Kw	4.5Kw/144Kw
Net Weight (Kg)	600	750	1100	1500	2100	3000
Design Pressure (kPa)	245	245	245	245	245	245
Design Temp (C°)	141	141	141	141	141	141

### Hospital Vacuum Sterilizer (Hand Operated Hinge Door Series)

SPECIFICATION	JHD250	JHD400	JHD600	JHD12000	JHD1500
<b>MAIN PARAMETER</b>					
Volume (m <sup>3</sup> )	0.25	0.36	0.6	1.2	1.5
Inner size (LxWxH)	Ø 600x1000 1000x500x500	910x630x630	1300x680x680	1500x750x1050	1910x750x1050
Outer size (LxWxH)	1435x1020x1800 (Single door) 1686x1020x1800 (Double door)	1540x1150x1800 (Single door) 1785x1150x1800 (Double door)	1850x1210x1800 (Single door) 2065x1210x1800 (Double door)	2036x1340x1900 (Single door) 2326x1340x1900 (Double door)	2416x1340x1900 (Single door) 2706x1340x1900 (Double door)
Steam Usage (Kg)	0.4-0.6 Mpa 15Kg	0.4-0.6 Mpa 20Kg	0.4-0.6 Mpa 30Kg	0.4-0.6 Mpa 50Kg	0.4-0.6 Mpa 60Kg
Water (Lt)	0.15-0.3MPa 40 lt	0.15-0.3MPa 45 lt	0.15-0.3MPa 50 lt	0.15-0.3MPa 60 lt	0.15-0.3MPa 65 lt
Compressed air (mPa)	0.5-0.8	0.5-0.8	0.5-0.8	0.5-0.8	0.5-0.8
Electric Power (Kw)	3	3	3	3	3
Net Weight (Kg)	700	1200	1500	2100	2500
Design pressure kPa	245	245	245	245	245
Design temp (C°)	141	141	141	141	141