

Powder / Granular, Mattress & Hay Sterilizers

Serve Health Forever



Categories: Bulk Sterilization for Hospital /Veterinary & Granular and Powder Based Products



Bulk autoclaves use saturated steam as sterilizing medium. First stage is a steam pulsation vacuum method to effectively remove all air from porous packs and to raise the packs temperature. After sterilizing, it adopts vacuum drying to effectively remove moisture for the packs.
APPLICATION: The bulk series autoclaves are equipped to complete the following cycles, "Hi-Temperature Porous Goods", "Bowie-Dick Test Cycle" and "Low-Temperature Porous Goods"

Granular autoclaves use saturated steam as sterilizing medium. First stage is a steam pulsation vacuum method to effectively remove all air trapped in the granules cavities. After sterilizing, it slowly exhausts to gradually reach atmospheric pressure. Various cycles are available with different sterilizing times and temperatures.
APPLICATION: To effectively sterilize granular and powder based goods.

DOOR CONFIGURATIONS:

Type of Door	Single Door	Pass Trough System
Automatic Sliding Door:	JSD Series	JDSD Series
Automatic Mechanical Hinge Door:	JMD Series	JDMD Series
Manual Hand Operated Hinge Door	JHD 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.

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SPECIFICATION	JSD 400	JSD 600	JMD/JSD 1200	JMD/JSD 1500	JMD/JSD 2000	JMD/JSD 4000	JMD/JSD 5000
MAIN PARAMETER							
Volume (m ³)	0.4	0.6	1.2	1.5	2.0	4.0	5.0
Inner size (LxWxH)	915x660x660	1240x660x660	1530x750x1050	1910x750x1050	1700x1000x1200	2700x1000x1500	3500x1000x1500
Outer size (LxWxH)	1680x1200x1950	2000x1200x1950	1870x1450x1900	2250x1450x1900	2100x2000x2000	3100x2000x2200	3900x2000x2200
Steam (Kg)	20Kg	30Kg	50Kg	60Kg	70Kg	120Kg	150Kg
Water (Lt)	55 lt	60 lt	65 lt	65 lt	70 lt	100 lt	100 lt
Compressed air (MPa)	0.5-0.8	0.5-0.8	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	4.5	4.5	5
Net Weight (Kg)	1200	1500	2100	2500	3000	4500	5000
Design pressure (kPa)	245						
Design temp (C°)	141						