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DESCO

DELIVERING TO THE WORLD

Horizontal Autoclave High Pressure Cylindrical Deluxe MODEL NO:- (AUHO 801)



Horizontal Autoclave High Pressure Cylindrical Deluxe Made of Stainless Steel Manufactured by Autoclave Sterilizers India



Decide with Confidence

Horizontal Autoclave High Pressure Cylindrical Deluxe



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www.autoclavesterilizersindia.com www.descomedicalindia.com www.descoonline.in

Specs :-

Horizontal Autoclave High Pressure Rectangular Deluxe is made of Stainless Steel 304 Grade

Horizontal Autoclave High Pressure Cylindrical Deluxe is made of Stainless Steel 304 Grade

Horizontal autoclave has robust construction which is designed for all type of bulk sterilization which are commonly required in medical, agriculture and pharmaceutical .

Horizontal Autoclave is suitable for sterilizing hospital dressing linen , rubber , plastic goods , surgical instruments glass wire etc.

It is based on the principle that any microbiological action of saturated steam elevated temp. in rapid and through. Horizontal Autoclave is Triple walled with steam jacket with separate boiler mounted on tubular stainless steel frame with ground leveling screwed flanges. The outer jacket is wrapped with mineral wool to minimize the heat loss. These sterilizers are hydraulically tested to withstand 2.5 times of working pressure.

Steam generator is made of heavy gauge stainless steel sheet heavy ring mounted in front of the boiler with folding thick stainless steel plate is fitted with heating element and low water level cut of device to protect with the former from burning out dry.

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Pressure control device is fitted in all electrically operated sterilizer. It cuts of the power supply to heater when the set pressure is activated flange type immersion heating elements are made of high grade material. Two speeds of steam exhaust are available fast and slow.

Safety Door for sterilizer has engaged self-locking single piece thick Stainless Steel plate door and cannot be operated under pressure. The self locking device automatically disengages the thread mechanism when the sterilizer is under pressure to preclude any eventuality of accident.

Complete sterilizing cycle is controlled from one point with the help of "Multiport Valve" fitted at front top. Easily readable jacket and chamber pressure on gauges mounted on the multiport valve.

A moisture trap is fitted in the chamber discharge line to absorb the condense automatically to prevent moistening of the subject matter to be sterilized Sterilizer is provided with the triple safety features. At the boiler level by a PIEZOSTAT which automatically limits the pressure to the required set valve and a spring loaded safety valve in case of its failure which releases the steam to keep pressure within the safety limits. At the chamber level, a spring loaded safety valve and a dead weight release valve to release the steam in case the pressure exceeds the safety limit. All these safety features function independent of one another failure. A plug screen prevents the discharge line form choking. The plug is easily removable for daily cleaning. Power ejector for drying sterilized line circulates the air throughout the chamber. The circulating air passes through a corrosion resistant metallic wool filter. A steam trap is fitted in the chamber discharge line to eliminate the condensate automatically. Fully Automatic operation by PID Controller to show the chamber temperature. Automatic Vacuum breaker is provided to break vacuum due to steam condensation. STERILIZING TEMP. 120 Deg. C. STERILIZING PRESSURE 1.2 TO 1.5 KG. (15 PSI TO 22 PSI) POWER 440 V 3 PHASE 50 HZ A.C. SUPPLY.

Optional Accessories on Extra Cost

- a) Thermograph to record sterilizing temp. and time
- b) Door at back also
- c) Data Logger, 8 Channel with basic software and RS 485 PC communication alternatively with 21 CFR software

We are Manufacturer, Exporters and Suppliers of Horizontal Autoclave High Pressure Cylindrical Deluxe at competitive prices from India.

Model No.	Size in inch	Size in mm	Capacity (Ltr)
AUHO 801	16 x 24 Inch	400 X 600 mm	80 Ltr
AUHO 811	16 x 48 Inch	400 X 1200 mm	158 Ltr