

Western Surgical®

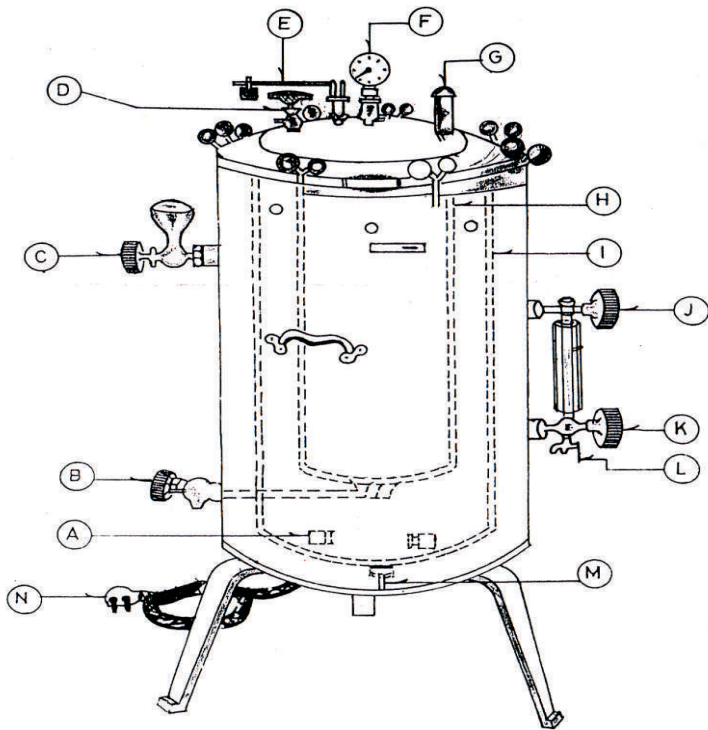
VERTICAL HIGH PRESSURE STEAM STERILIZER
FOR TWO DRUMS -16" x 24"

VERTICAL AUTOCLAVE

USER'S MANUAL



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DIRECTIONS FOR USING VERTICAE HIGH PRESSURE STERILIZER.

- | | |
|--------------------------------|-----------------------|
| 1. 2 KW. HEATER / 3 KW. HEATER | 9. JACKET. |
| 2. CONDENSATE VALVE. | 10. WATER LEVEL GAUGE |
| 3. WATER INLET VALVE. | TUBE VALVE. |
| 4. STEAM EXHAUST VALVE. | 11. WATER LEVEL GAUGE |
| 5. WEIGHT SAFETY VALVE. | TUBE VALVE. |
| 6. PRESSURE GAUGE. | 12. DRAIN COCK. |
| 7. SPRING SAFETY VALVE. | 13. DRAIN PLUG. |
| 8. CHAMBER. | 14. PLUG. |

* Carrying Warranty at Rajkot only on site warranty not provided free of cost.

* Due to constant upgradation design, price and features are subject to change any time without prior notice.



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1. When you start a new sterilizer for the first time, check up the working of safety valves without fail and also all parts as per drawing to be sure that none of the parts are broken or damaged in transit.
2. Firstly close all valves viz : stem exhaust valve 'D' Water inlet valve 'C', Condensate Valve 'B', Water level gauge glass valve 'J', and 'K', and drain valve 'L'.
3. Open the water inlet valve 'C' (with funnel) as well as water level gauge glass valve 'J' and 'K' and pour water till gauge glass show 3/4 level. close the valve 'C' but keep valve 'J' and 'K' open.
4. Open the lid by unscrewing the bakelite wing nut. put the dressing drums (be sure that the wholes of the drums are kept open to allow the steam to enter the dressing.) inside the chamber. close the lid and tighten all the nuts with equal pressure to ensure equal pressure on rubber gasket.
5. Ignite the stove or gas burners or put the switch on as the case may be.
6. Keep the condensate valve 'B' slightly open and watch the pressure gauge rise, as air air mixture and condensate is forced out through the valve 'B' when the pressure is around to p. s. i. (75 kg / sq. cms) shut the condensate valve 'B' within approximatly 15 minutes the pressure will rise to 22 p. s. i. (1.5 kg sq. cms.) In the event pressure increase more than 22 p. s. i. the spring loaded safety valve 'G' will blow the excess steam main taining pressure of 22 lbs. the valve will allow little steam to go out between 15 and 20 p. s. i. pressure but, this should not be taken as leakage and it will go on blowing. The weight valve 'E' is set at 24 lbs. This is an extra safety valve in case the spring loaded valve does not function.

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7. Keep the dressing under this pressure (ie 22 lbs.) for about 30 minutes and then shut off the burners.
8. Open both, condensate valve 'B' and steam exhaust valve 'D' and let out the steam till pressure gauge shows "0" pressure. close both valve 'B' and 'D' keep the dressing about 10 minutes or even more to dry.
9. Open the lid by unscrewing the bakelite wing nuts and take out the dressing. Immediately close the dressing drums.

IMPORTANT :-

check up the water level before starting and also after each sterilisation and maintain the water level $\frac{3}{4}$ of gauge tube.

Never open the lid when there is steam even at 1 th. otherwise it will come on the face of the operator.

Check up the functioning of safety valve periodically, if unsatisfactory return to factory for adjustment but never try setting or adjusting the valve by unskilled man.

Drain the sterilizer completely by opening the drain plug 'M' once a fortnight to remove sediments.

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Date of Installation	Installed By
Model No.	Serial No.
Warranty Period	
Name of Doctor & Address :	

Customer Sign. With Stamps

**Marketed By: Western Surgical
Sign. With Stamps**

No Claim Warranty :

1) Any Defect Throughout Power Supply

2) Any Physical Damage

3) Under Warranty Standby Unit Not Provide

4) Under Warranty When Company Send Parts or Machine we Imidiat send to Buyer.

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OUR OTHER PRODUCTS RANGE



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