

# ES-VP LINE VERTICAL STEAM STERILIZER



FULLY AUTOMATIC  
TEMPERATURE CONTROL SYSTEM  
PRE and POST VACUUM



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# ES-VP VERTICAL STEAM STERILIZER

ESSE 3 ES-VP series vertical type steam sterilizers with temperature control system, and dry (post) vacuum, have space-saving, easy operation, durable, large capacity... features.

Designed for clinics and laboratories with versatile sterilizing needs and where objects are to be sterilized such as: test tubes, glassware, liquids, surgical instruments, garments, human waste products etc.

## FEATURES:

1. Temperature control system.
2. With LED digital temperature display and LED digital timer display.
3. With pre vacuum and post vacuum function.
4. Automatic control from heating, sterilization, to finish. And with dry function.
5. Preprogramed six sterilization mode for selection, users friendly design.
6. The timer starts only after the pre-set temperature is reached to ensure the complete sterilization.
7. Illuminated pilot lamps display status and a buzzer announces the completion and cuts off the heating power source automatically.
8. The pressure gauge make ideal require reading and indicate high precision and consistent results.
9. Chamber and door is made of high quality SUS 304 (or 316 for option) stainless steel with polished surface for long lasting service & easy cleaning.
10. Set value and actual value display at the same time for easy reading.
11. With self diagnostic function-error code showing.
12. With direct liquid function button.
13. Patented locking system used for easy door operation.
14. No rotation needed to lock chamber door in position. Strength save.

|                              | ES-300VP            | ES-350VP            | ES-400VP            | ES-401VP            |
|------------------------------|---------------------|---------------------|---------------------|---------------------|
| OVERALL dimensions mm        | W490 x D480 x H1080 | W540 x D530 x H1130 | W600 x D600 x H1130 | W600 x D600 x H1290 |
| CHAMBER DIAMETER             | 300MM               | 350MM               | 400MM               | 400MM               |
| CHAMBER DEPTH                | 710MM               | 750MM               | 750MM               | 900MM               |
| CHAMBER CAPACITY             | 50 LITERS           | 75 LITERS           | 100 LIT             | 125 LITERS          |
| STERILIZATION TEMPERATURE    | 121 C - 134 C       | 121 C - 134 C       | 121 C - 134 C       | 121 C - 134 C       |
| DESIGN TEMPERATURE           | 140 C               | 140 C               | 140 C               | 140 C               |
| DRY FUNCTION                 | YES(FOR OPTION)     | YES(FOR OPTION)     | YES(FOR OPTION)     | YES(FOR OPTION)     |
| DRY VACUUM FUNCTION          | YES (FOR OPTION)    | YES (FOR OPTION)    | YES(FOR OPTION)     | YES(FOR OPTION)     |
| HEATER ELEMENTS              | 2.5KW               | 2.5KW               | 4.0KW               | 4.0KW               |
| VOLTAGE/FREQUENCY            | 230V/50-60HZ        | 230V/50-60HZ        | 230V/50-60HZ        | 230V/50-60HZ        |
| <b>SAFETY DEVICES</b>        |                     |                     |                     |                     |
| WITH DOOR PRESSURE AUTO LOCK | YES                 | YES                 | YES                 | YES                 |
| OVER TEMPERATURE PROTECTION  | YES                 | YES                 | YES                 | YES                 |
| OVER PRESSURE PROTECTION     | YES                 | YES                 | YES                 | YES                 |
| ELECTRIC OVERLOAD PROTECTION | YES                 | YES                 | YES                 | YES                 |
| EMERGENCY EXHAUST SWITCH     | YES                 | YES                 | YES                 | YES                 |
| LOW WATER BUZZER             | YES                 | YES                 | YES                 | YES                 |
| WITH ERROR CODE DISPLAY      | YES                 | YES                 | YES                 | YES                 |

## ACCESSORIES:

1. BOTTOM SHELF x 1PC
2. STAINLESS STEEL WIRE BASKET (LARGE) x 2PC
3. RUBBER HOSE x PC



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