

# WS-YDA Horizontal Cylindrical Pressure Steam Sterilizer



Saturated pressure steam is used to sterilize article, for it will liberate a great amount of heat when condensing. To make the articles (need to be sterilized) hot and wet for a certain time, most resistant bacterial spores will be killed, and then sterilization aim is reached. The method is reliable, economical, and easy to be controlled, so it has been used for more than one hundred years.

This unit is ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, culture media etc.

## Specifications

1. Sterilizing course automatic sterilization controlled by computer, easy to operate.
2. With drying function, suitable dressing drying.

3. With over-temperature, over-pressure auto-protect device.
4. The door opening mechanism cannot be operated until the pressure in the chamber is reduced to 0.027MPa.
5. It can't be start on if the door doesn't close well.
6. The safety valve will be open automatically when the inner pressure over 0.24MPa, and the steam be exhausting to the water tank.
7. The power will be cut -off automatically, cut-off the water and alarm when the machine lacking water.
8. The surface of the sterilizer is steel coated, the chamber of the sterilizer is made of stainless steel.

### Technical Data

| Model technical data          | WS-400YDA                       | WS-500YDA                       |
|-------------------------------|---------------------------------|---------------------------------|
| Volume of sterilizing chamber | 400L, $\Phi 660 \times 1200$ mm | 500L, $\Phi 700 \times 1300$ mm |
| working pressure              | 0.22MPa                         |                                 |
| working temperature           | 134℃                            |                                 |
| Adjustment of temperature     | 115℃ - 134℃                     |                                 |
| Time of sterilization         | 0-60 min                        |                                 |
| Time of drying                | 0-60 min                        |                                 |
| Heat average                  | $\pm 2^\circ\text{C}$           |                                 |
| Power Supply with mains steam | 15KW/380V 50Hz                  | 18KW/380V 50Hz                  |
| Dimension                     | 1700×950×1900                   | 1800×1050×2000                  |
| Transport size                | -                               | -                               |
| Weight                        | 850/550 KG                      | 950/660 KG                      |