



ES-W Series

Washing Machine & Disinfector
Double-sided instruments



STERILIZATION



Description

It is suitable for the following goods to be washed: surgical instruments (e.g. shears, pliers forceps and other metal instruments), vessel (dressing change, bending disk, tube, beaker, etc, anesthesia instruments (anesthesia tube, breathing bag, mask, various catheters, etc), surgical shoes, endoscopic instrument, dental handpiece and so on.

- **360 or 520 liter**
- **8 or 15 pieces baskets**
- **Automatic or semi-automatic Double Door**
- **Steam heating or electric heating**
- **LCD display**

Safety features

- **Leakage protection:** The device will trip automatically to protect the safety of operator when meeting leakage incident.
- **Heating tube overheating protection:** Alarm will work for protection when heating tube temperature is too high during the process of drying.(Electric heating)
- **Fan protection:** Alarm will work for protection in order to prevent the cycle pump from locked rotor and overheat when sundries enter into cycle pump.
- **Door motor protection:** Alarm will work for protection in order to prevent the door motor from locked rotor and overheat when the door get stuck.
- **Door safety protection:** Alarm will work for protection in order to prevent the door from extrusion deformation.
- **Circulating pump protection:** When the sundries enter the circulating pump, in order to prevent the circulation pump from running and overheating, alarm will appear to protect the pump

Main parameters

360L cleaning amount(standard cleaning tray)	8 baskets
520L cleaning amount(standard cleaning tray)	15 baskets
360L water resource consumption	20L/step
520L water resource consumption	35L/step
Hot-water treatment method	93°C
Water heating method	Electric heating/steam heating
360L steam consumption	8KG/step(steam heating)
520L steam consumption	11KG/step(steam heating)

Extensive medical cleaning racks

1	The rack for cleaning with Four / Five layers	Each layer has a jet arm, which is the conventional configuration of the machine. These configurations are given together with the machine
2	The rack for cleaning the respiratory anesthesia apparatus	Cleaning and disinfection of respiratory anesthesia tube and other related instruments
3	The rack for cleaning the bowls and the trays	Three-layer cleaning rack with two bowl baskets and two tray baskets
4	The rack for cleaning the tweezers bucket	Can wash large / small tweezers barrels
5	The rack with Single / double layers for cleaning the humidifying bottles.	It is divided into two layers. The upper layer washes the standard humidifying bottle, and the lower layer has a jet arm, so that other instruments can be cleaned.
6	The rack for cleaning the minimally invasive surgical instruments.	Cleaning of microsurgical instruments
7	Dry cylinder cleaning rack	For cleaning all kinds of dry cylinder instruments



Models

Automatic doors				
Model	ES-WAD-E (360L)	ES-WAD-S (360L)	ES-WAD-E (520L)	ES-WAD-S (520L)
Heating mode	Electrical heating	Steam heating	Electrical heating	Steam heating
Volume	360L	360L	520L	520L
Cabin size (L*W*H)	630*643*1000mm	630*643*1000mm	800*696*1110mm	800*696*1110mm
Outline dimension (L*W*H)	850*1090*1950mm	850*1090*1950mm	1000*1270*1870mm	1000*1270*1870mm
Net weight	320kg	350kg	450kg	500kg
Supply voltage	380V, 3 phase	380V, 3 phase	380V, 3 phase	380V, 3 phase
Flushing dose	8 standard trays	8 standard trays	15 standard trays	15 standard trays
Water consumption	80L	80L	140L	140L
Steam consumption	0 kg	8 kg	0 kg	11 kg
Disinfection temperature	93°C	93°C	93°C	93°C
Power	22.5kw	13.5kw	28.5kw	19.5kw

Semi-automatic doors	
Model	ES-WSA-E (360L)
Heating mode	Electrical heating
Volume	360L
Cabin size (L*W*H)	630*643*1000mm
Outline dimension (L*W*H)	850*1090*1950mm
Net weight	320kg
Supply voltage	380V, 3 phase
Flushing dose	8 standard trays
Water consumption	80L
Disinfection temperature	93°C
Power	22.5kw