



# ESS-250TP Line

Sliding Door  
Steam Sterilizers



STERILIZATION



# EGG!&) \$HD'@]bY

## Sliding Door Steam Sterilizers



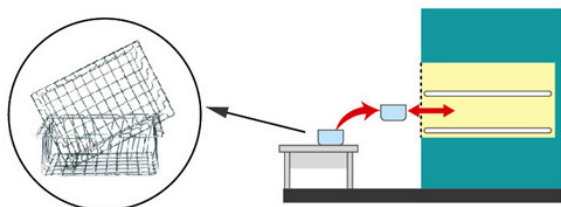
Automatic steam sterilizer line which is researched and developed according to the state latest sterilizer requirements and referring to international relative standard.

It can be widely used to sterilize medical dressing, instruments, asepsis clothes, bio-products in the fields of medical hygiene, pharmaceutical company, biological engineering and laboratory animal test.

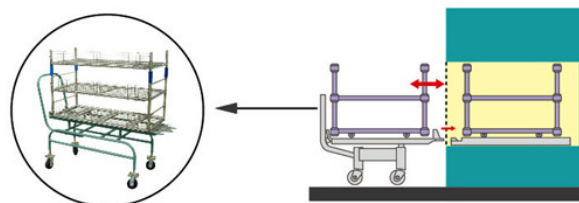


## STANDARD FEATURES

- The chamber adopts specific new design with the bottom centre concave, which makes the condensing water drain out smoothly, and the effective temperature protection measure reduces energy consumption and the burden from air conditioner.
- The use of Automatic Plasma Welding machine from France SAF, the specific welding technology and aging treatment guarantee that the reliable quality for the main body.
- The horizontal sliding door structure maximally solves the problem of operation space. and the easy, safe and convenient automatic operation maximally reduce labor for operator. The sealing door has several safety protection and manual open device, which maximally protect the operator in safe.
- The efficient cooling treatment to drainage system reduces the pollution to environment.



**Sterilization shelf  
loading method**  
(Chamber Volume of 160L and 250L)



**Transport Trolley/Sterilization Cart  
loading method**  
(Chamber Volume of 450L, 600L and 800L)



SIEMENS Touch Screen Display



Shelves



Sterilizing basket



**Pipeline system adopts  
stainless steel sanitary pipe and  
world brand pneumatic valve**



Sterilizing container



## TECHNICAL FEATURES

- Common Features:

<b>Chamber Design</b>		Horizontal and rectangular
<b>Door Design</b>		Single or Double door, Automatic vertical sliding
<b>Material</b>	<b>Main body, Jacket, Pipeline</b>	304 S.S.
	<b>Built-in steam generator</b>	Carbon Steel
<b>Time Consumption</b>		50-60minutes/Cycle
<b>Data Record</b>		Micro printer
<b>Display</b>		Touch Screen, SIEMENS
<b>Design Pressure</b>		-0.1/0.3 Mpa
<b>Designed Temperature</b>		150°C
<b>Max. Working Temperature</b>		134°C
<b>Steam Supply</b>		0.3-0.5 Mpa, built-in steam generator
<b>Compressed Air Supply 0.5-0.7 Mpa</b>		0.05M <sup>3</sup> /min
<b>Controller</b>		SIEMENS control system
<b>Programs</b>		Fabric(P01), Instrument(P02), BD Test(P03) , Liquid(P04), Rubber & Gloves(P05), Fabric2(P06), Instrument 2(P07), Flush(P08), Gravity(P09), User-defined(P10)
<b>Power</b>		Three Phase 380V 50Hz
<b>Air compressor</b>		Included
<b>Water softener</b>		Included
<b>Optional</b>		Transfer trolley

- Specific Features:

Code with Single door	ESS-250TP/160	ESS-250TP/250	ESS-250TP/450	ESS-250TP/600	ESS-250TP/800
Code with Double door	ESS-250TP/160D	ESS-250TP/250D	ESS-250TP/450D	ESS-250TP/600D	ESS-250TP/800D
<b>Chamber Volume</b>	160L	250L	450L	600L	800L
<b>Chamber Dim. (LxWxH)</b>	100x41x41 cm	100x51x51 cm	100x66x70 cm	130x66x70 cm	175x66x70 cm
<b>Overall Dim. (LxWxH)</b>	126x80x 180 cm	126x80x180 cm	137x128x200 cm	170x128x198 cm	215x128x198 cm
<b>Net Weight</b>	600 kg	700 kg	1000 kg	1250 kg	1450 kg
<b>ISO standard basket (600x400x200)mm</b>	two-layer loading rack	two-layer loading rack	4	6	8
<b>ISO standard pack (600x300x300)mm</b>	two-layer loading rack	two-layer loading rack	6	8	8
<b>Water supply: 0,15-0,3MPa</b>	300kg/cycle	400kg/cycle	500kg/cycle	600kg/cycle	700kg/cycle
<b>Power AC 380V 50Hz</b>	21,45kW	21,45kW	32,35kW	43kW	57kW
<b>Input Power</b>	24kVA	24kVA	36kVA	46,5kVA	61kVA
<b>Loading Method</b>	Sterilization shelf	Sterilization shelf	Transport Trolley / Sterilization Cart	Transport Trolley / Sterilization Cart	Transport Trolley / Sterilization Cart



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