



DATA SHEET

Series: **ESS-250TP**

Pulse Vacum Sterilizer

With built-in steam generator

Chamber Volume: 160 / 250 / 450 / 600 / 800 lt

Chamber Design: Horizontal and rectangle

Door Design: Single and Double door (D version) , Automatic vertical sliding

Chamber Dimension: see table belowL

Overall Dimension: see table below

Material:

Main body: 304 S.S.

Jacket: 304 S.S.

Pipeline: 304 S.S.

Built-in steam generator: Carbon Steel

Net Weight: 700Kg

Gross Weight: 760Kg

Power: Three Phase 380V 50Hz

Control Power: 0.5kw

Driving Power: 1.45+20kw (electric heating)

Steam Supply: Built-in steam supply

Maximum Water Consumption: 270kg/cycle

External Steam Consumption: No

Time Consumption: 50-60minutes/Cycle

Designed Pressure: -0.1/0.3MPa

Designed Temperature: 150°C

Maximum Working Temperature: 136°C

Vacuum Limit: -0.080MPa

Control: PLC, SIEMENS

Operation and Display: Touch Screen, SIEMENS

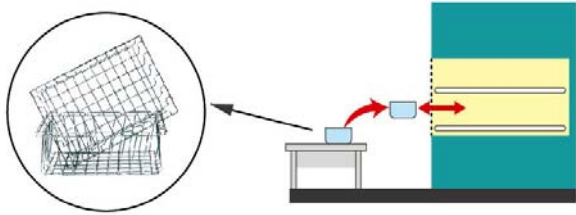
Data Record: Micro printer

Programs: Fabric(P01), Instrument(P02), BD Test(P03), Liquid(P04), Rubber & Gloves(P05), Fabric2(P06), Instrument 2(P07), Flush(P08), Gravity(P09), User-defined(P10)

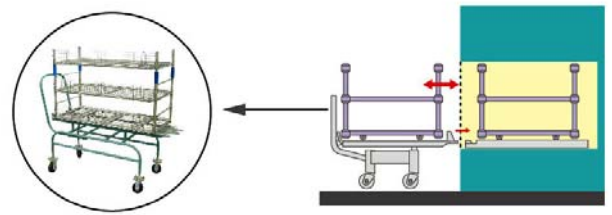
Accessories: Shelf



Code	ESS-250TP/160	ESS-250TP/250	ESS-250TP/450	ESS-250TP/600	ESS-250TP/800
Design Pressure	- 0,1 / 0,3				
Max. Working Temperature	134°C				
Chamber Dim. (LxWxH) mm	1000x410x410	1000x510x510	1000x660x700	1300x660x700	1750x660x700
Overall Dim. (LxWxH) mm	1260x800x 1800	1260x800x1800	1374x1280x2000	1700x1280x1980	2150x1280x1980
Weight (kg)	600	700	1000	1250	1450
ISO standard basket (600x400x200)mm	two-layer loading rack		4	6	8
ISO standard pack (600x300x300)mm			6	8	8
Water supply: 0.15~0.3MPa	300kg/cycle	400kg/cycle	500kg/cycle	600kg/cycle	700kg/cycle
Steam supply: 0.3~0.5MPa	built-in steam generator				
Compressed air supply: 0.5-0.7MPa	0.05M ³ /min				
Power: AC 380V. 50Hz	21 .45kW	21 .45kW	32.35kW	43kW	57kW
Input Power: kVA	24kVA	24kVA	36kVA	46.5kVA	61kVA
Items load way	A	A	B	B	B
Controller	SIEMENS control system				



A Series Sterilization Shelf Method



B Series Transport trolley & Sterilization cart Method



Sterilizing basket



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



Sterilizing container

Air compressor (Included)

Model: 60L

Voltage: 220V, 50Hz

Flow: 68L/min

Power: 575W

Capacity: 32L

Weight: 33Kg

Used to supplied compressed air to control pneumatic valve open and close and also for door gasket sealing

Water softener (Included)

Used to supply soft water for the built-in steam sterilizer

Model: ES-100

Output capacity: 100-150L/h

Input water hardness : ≤ 8 mmol/L

Output water hardness: ≤ 0.03 mmol/L

Working pressure: 0.2-0.6Mpa

Input water temperature: 2~38°C

Working temperature : 2~60°C

Voltage: 220V 50Hz Power : 10W

Salt consumption: ≤ 160 -250g/mol

Overall size: 480 x 280 x 1150 (mm)

Weight : 35Kg

The sterilizer completely meets the requirements of state GB18278-2000 and the related American FDA standard and European EN285, 97/23/EC standard.



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