



**STEAM STERILIZER  
WASHER AND DISINFECTOR  
LOW TEMPERATURE STERILIZER**

# Sterilmed Medical

ElektrikElektronikOtom.İnş.GıdaSan.veDışTic.Ltd.Şti.



## About us

Sterilmed Medical was established in 2009 in Ankara to provide services in the medical device sector. It has aimed advancement since the day of its establishment by also taking growth and compliance with the contemporary technologies and protecting the environmental conditions.

Our Firm is following the innovations in its sector and in abroad through its research and development unit and its application staff with a strong infrastructure of engineers, and is continuing to produce devices it had developed in computer environment based on such innovations with high technology and to contribute their development so as to be most beneficial for the Turkish medicine.

With this purpose, our Firm is strictly following the "Quality Management" principles and rules from design of the products to the after sale servicing.

Our Firm has been currently certificated for compliance with ISO 9001 quality management system, ISO 13485 medical device quality management system certificate and ISO 14001 environment management system certificate and with product certificates under MDD 93/42/EEC Medical Devices Directive and PED 97/23/EEC Pressurized Equipment certificate. Furthermore, our steam sterilizers and washing disinfection devices have been certificated by the UK accredited body.

Our Firm is successfully implementing several projects supported by National organizations.

Sterilmed Medical has been awarded with the following:  
Our Firm possesses the following certificates;

CE Certificates under the following directives:  
ISO 9001,  
ISO 13485,  
ISO 14001 Quality Management System,  
MDD 93/42/EEC Medical Devices Directive,  
PED 97/23/EEC Pressure Equipment Directive

## General Specification



Control System	PLC
Use	Full automatic / button and touch screen
Screen Type	Colour TFT, Touchscreen LCD
Screen Dimension	7"
Keypad	Touchscreen
Printer	40 Characters / Line Thermal Printer
Communication	RS 232 Port / USB , Ethernet
Warning System	Visual, Audible and Printed
Data Recording	1000 PCS Cycle
Monitoring	Cycle status, process chart, water temperature, remaining time, selected program type
Mobility	Easy positioning on 4 swivel castors and hight adjustable legs for uneven floors.
Touch keys:	Choose the washing program, Start program, Stop program, Cancel Alarms, Settings, etc.







NO				PROGRAM	SET TEPRERATURE (°C)	TIME
						SET (SEC)
P3	P2	P1	1	Pre-washing	30	120
			2	Washing	60	600
			3	Drying 1	60	300
			4	Drying 2	60	300
			5	Disinfection	90	600
			6	Drying	125	900

P1: WASHING

P2: WASHING + DISINFECTION

P3 : WASHING +DISINFECTION + DRYING

P4 : DRYING

PROGRAM	SET TEPRERATURE (°C)	TIME
		SET (SEC)
Drying	125	9

P5: SELF-DISINFECTION OF THE DEVICE

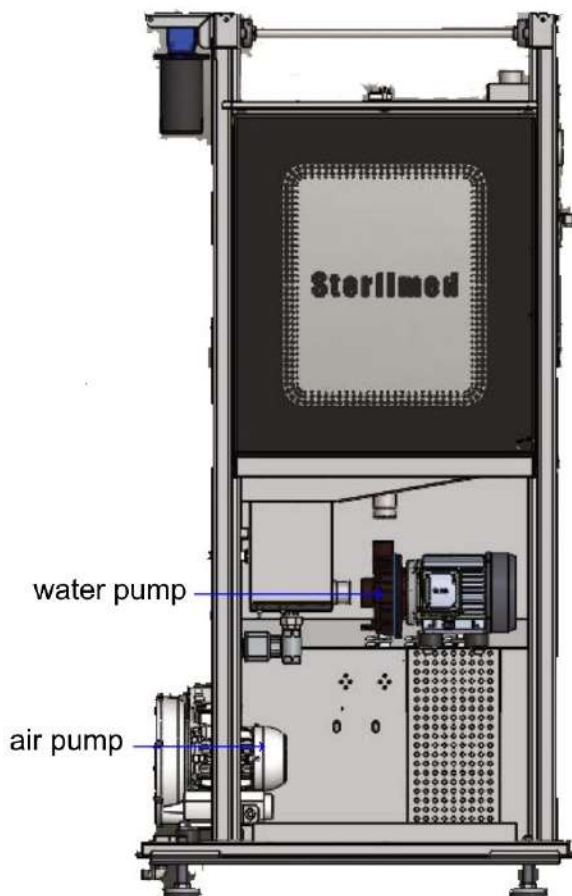
PROGRAM	SET TEPRERATURE (°C)	TIME
		SET (SEC)
Disinfection	90	600

## Features & Options

- Front emergency button
- Internal light
- Safety valve
- HEPA filter
- Short circuit protections
- Dosage sensors for detergent and disinfectant
- Detergent and disinfectant level indicators
- Water jet arms down, top, and for each rack shelf
- Heat exchanger for drain water
- Multi languages menu: English, Russian, Romanian, Turkey

### Alarms

Alarms with the display of the code and the description of the fault;  
Washing completion alarm; Short circuit alarms;  
Empty canister alarms;



### Temperature

Working Range 15°C – 95°C

Measuring 3xPT100 (DIN A Class) Sensor

Sensor Location Cabinet 2, Water 1

### Pressure

Measuring 1 Pieces Pressure Sensors

Sensor Location Air 1

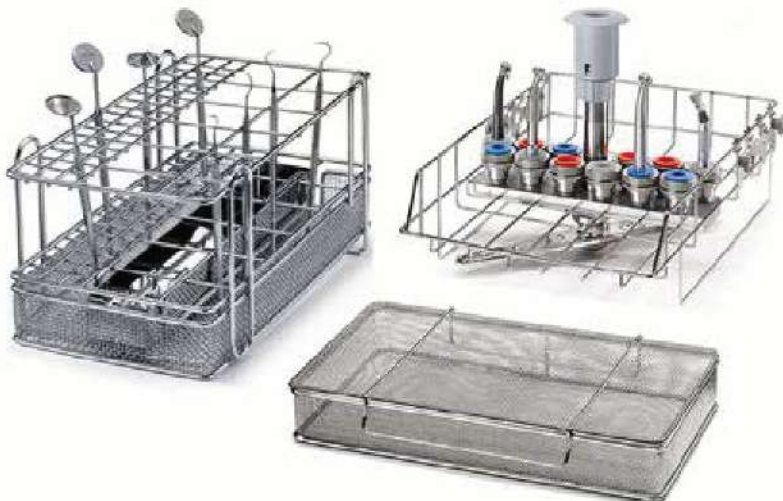


## Installation Requirements

Feeding Water RO treated  
deionized water for  
high performance.

Installation Power ~ 25kW,  
200-250-360 L 3 Phase,  
380 VAC  $\pm 10$

150 L ~ 15kW,  
Mono Phase,  
230 VAC  $\pm 10$





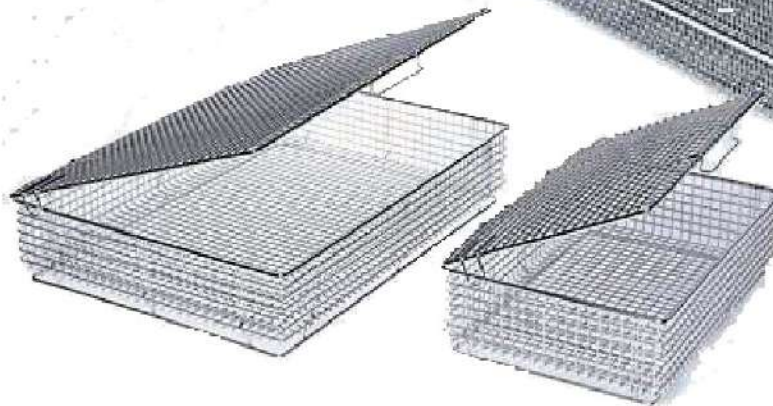
## Device Construction

Body ➤	2,5 mm, AISI 304 Stainless Steel/AISI 316L Stainless Steel
Chamber ➤	1,5 mm, AISI 316L Stainless Steel
Door ➤	Tempered Glass
Outer Panels ➤	1,5 mm, AISI 304 Stainless Steel
Piping ➤	Silicon Hose, 1,5 mm, AISI 304 Stainless Steel
Chamber Polishing ➤	Electropolishing





## Accessories



## Racks & Trays

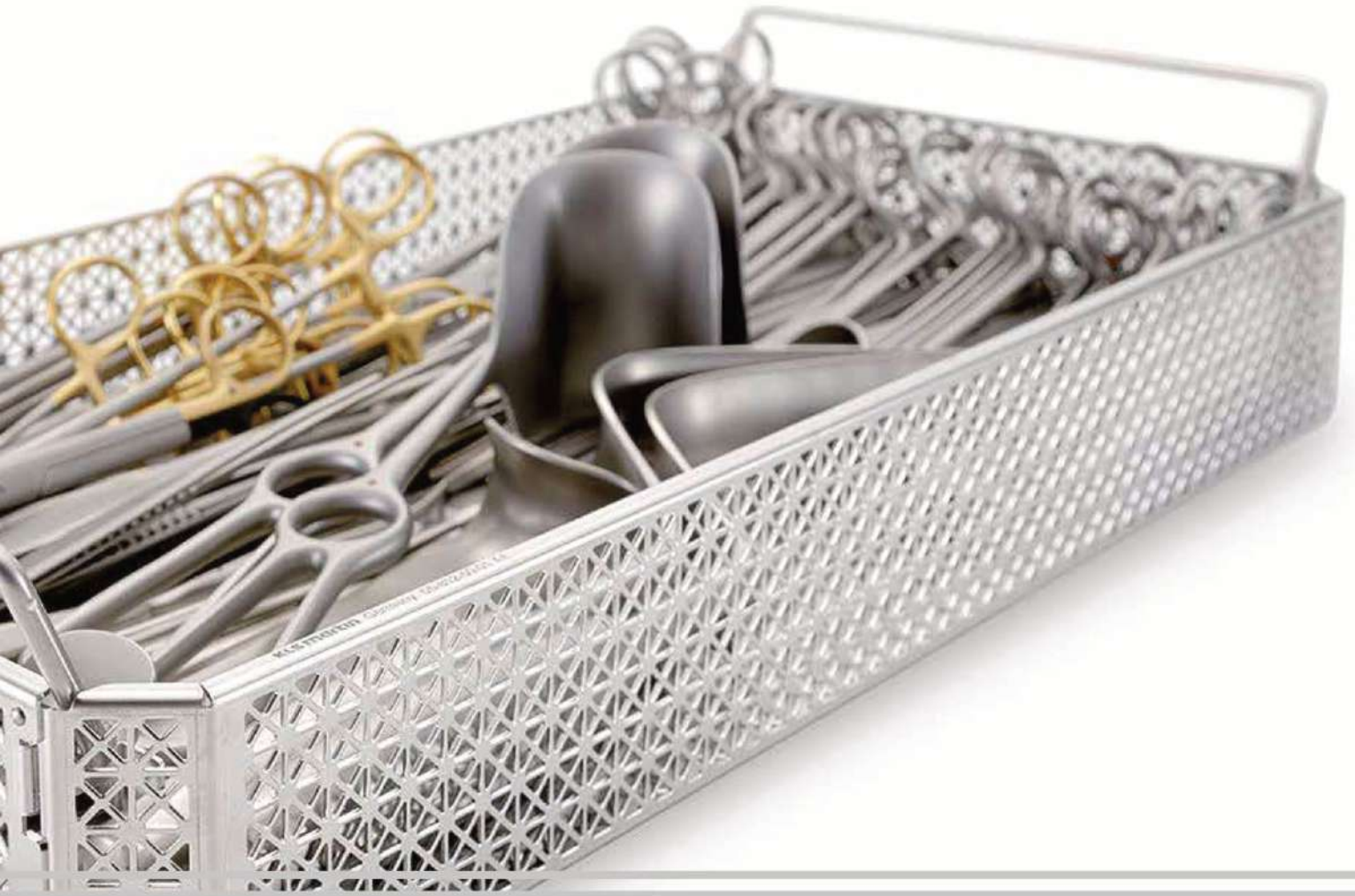


**INSTALLATION CONDITION :** At least 60 cm. space is needed on both lateral sides of the device to provide an effective technical service. Exhaust fan or ventilation funnel needs to be placed above the device for an effective evacuation of heat !



## Models And Technical Data

Models	WD-6	WD-8	WD-10	WD-12	WD-15	WD-18
	Under-Desk	Big Type				
Cell width (mm)	625	625	625	625	625	625
Cell Height (mm)	450	680	680	680	680	820
Cell depth (mm)	600	600	600	850	850	850
Width of Device (mm)	950	980	980	980	980	980
Height of Device (mm)	840	1930	1930	1930	1930	2070
Depth of Device (mm)	810	820	820	1070	1070	1070
Width of Packaging (mm)	1150	1030	1030	1100	1100	1100
Height of Packaging (mm)	1150	2050	2050	2050	2050	2200
Depth of Packaging (mm)	1010	970	970	1220	1220	1220
Single Door	+	+	+	+	+	+
Double Door	-	+	+	+	+	+
Touch Screen	4.3"	7"	7"	7"	7"	7"
RS232 outlet	+	+	+	+	+	+
Water-heating Resistance (KW)	5	10	10	15	15	15
Drying Resistance (KW)	3	6	6	8	8	8
Drying Motor Fan (m3/h)						
Blowing Flow Rate (m3/h)	100	150	150	150	150	150
Circulation Pump Power (kW)	0,4	1,1	1,1	2,4	2,4	3
Electrical connection characteristics of the circulation pump	230V±10	380V±10	380V±10	380V±10	380V±10	380V±10
Circulation Pump Flow Rate (d/d)	325	650	650	900	900	1200
Detergent Dosage Pump	+	+	+	+	+	+
Neutralizing Agent Dosage Pump	+	+	+	+	+	+
Electric Connection	3L+1N+1PE 50 Hz, 400 V AC					
Water Draining Pipe Diameter (mm)	½"	1"	1"	1"	1"	1"
Number of Racks in the Basket	3	4	5	4	5	6
DIN Basket (piece)	6	8	10	12	15	18
HEPA Filter	H14, Particle Retention Ratio %99,999					



## Related Directives And Standards

Medical Devices Directive	MDD 93/42/EEC - 2007/47/EC
Medical Devices Class	Class IIb, acc. to EC MDD 93/42/EEC 2007/47/EC (Annex IX)
Low Voltage Directives	2006/95/EC, EN 60601-1
Electromagnetic Compatibility Directives	2004/108/EC, EN 60601-1-2
Washer and Disinfector Devices	EN 15883-1 Series Standard
Quality Management System Requirements	ISO 9001
Medical Devices Regulatory Requirements	ISO 13485
Environment Management System	ISO 14001



## Quality Certificates

