



Flexible

Small Clinic Washer-Disinfectors

Lava 50 Washer-Disinfector

The Lava 50 Washer-Disinfector line provides superior cleaning and disinfection combined with innovative options to minimize cost and time. This comprehensive approach offers a flexible solution for safe and thorough processing of a wide range of medical products for clinics, dental practices and small hospitals.



Washer-Disinfector Line

High Quality Cleaning and Disinfection

Thermal disinfection

Thermal disinfection takes place at 93°C with a temperature holding time in compliance with EN ISO 15883. Both temperature and time can be modified to meet the specific requirements of the customer.

Mechanical Cleaning Action

Mechanical action is a vital component of the cleaning process which uses heavy duty wash pumps to insure high flow rate and effective spray pressure for better and faster cleaning results.

Designed to Stay Clean

The washing chamber is designed with smooth edges and rounded corners to ensure a clean chamber surface.

Long Lasting and Safe

Water Quality

Built-in large capacity water softener for a continuous supply of softened water enhances cleaning effectiveness and prevents build-up of limescale.

Quality Components

Washing chamber, washing arms and filters are made of high quality corrosion proof AISI 316 stainless steel. Double wall chamber construction and thorough insulation minimize heat loss and electricity consumption.

Standard Compliant

All Tuttnauer washer-disinfectors comply with 93/42/EEC and is manufactured in accordance with EN ISO 15883-1 and 2.

Lava 50 DRS 60 liter chamber volume

- 50 Liter Basket Volume
- Single Door
- Built-in water softener
- Filtered hot air drying system



Lava 50 60 liter chamber volume

- 50 Liter Basket Volume
- Single Door
- Built-in water softener



The Lava 50 washer-disinfector line is ideal for small surgery centers and dental practices where it is used to clean and disinfect surgical instruments. Easy to install benchtop single door washers provide fast and effective treatment and a perfect preparation for sterilization.

Operation is simple: load the material, close the door and select the cycle. The machine does the rest, thus minimizing risks associated with handling infected instruments.

Features

Performance

- Washing and disinfection temperatures are fully adjustable up to 93°C
- Temperature controlled by means of two independent PT1000 probes
- Fresh water intake between each phase of the cycle promotes hygiene and better cleaning
- Three level water filtering system
- Heavy duty self-cleaning water circulation pump ensures rapid flow rate and effective spray pressure
- Powerful integrated filtered air drying system (only in Lava 50 DRS)

- Built-in water softener enhances cleaning effectiveness and prevents limescale
- Steam condenser prevents condensation from entering in the washing area

Design and Convenience

- LED display with 3 adjustable washing programs
- RS232 printer connection for documenting washing phases
- One or two dosing pumps
- Self-cleaning chamber with rounded edges

Model Name	Lava 50	Lava 50 DRS
Dimensions		
Width/Depth/Height mm	500/565/535 mm	560/575/535 mm
Net Weight	40 kg	43 kg
Gross Weight	43 kg	46 kg
Basket Volume	60 Liters	60 Liters
Connections		
Drain Pipe	Diam. 25 mm / 0.98"	Diam. 25 mm / 0.98"
Electrical Connection	230 Vac / 50Hz 3 x 208V / 60Hz (optional) 3 x 230V / 60Hz (optional) 1 x 220V / 60Hz (optional)	230 Vac / 50Hz 3 x 208V / 60Hz (optional) 3 x 230V / 60Hz (optional) 1 x 220V / 60Hz (optional)
Total Power	2750 W	2750 W
Pump Power	150 W	150 W
Dryer Blower	-	up to 100 m ³ /h
Dryer Heater	-	750 W
Connection - Cold Water		
Hydraulic Connection - Cold Water	¾" male DN 20mm	¾" male DN 20mm
Min. /Max. Pressure	1 bar / 5 bar	1 bar / 5 bar
Flow Rate	24 liters/minute at 2 bar pressure	24 liters/minute at 2 bar pressure
Min. /Max. Temperature	10°C / 15°C	10°C / 15°C
Connection - Warm Water		
Hydraulic Connection - Warm Water	¾" male DN 20mm	¾" male DN 20mm
Min. /Max. Pressure	1 bar / 5 bar	1 bar / 5 bar
Flow Rate	24 liters/minute at 2 bar pressure	24 liters/minute at 2 bar pressure
Min. /Max. Temperature	45° / 55°C	45° / 55°C
Other Specifications		
Noise	52 dBA	52 dBA
Min. /Max. Permitted Room Temperature	+5°C / +40°C	+5°C / +40°C

Washer-Disinfector Line

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