

GY 290 Washer Disinfectors



Technical Datasheet

ERYIGIT's washer disinfectors are offered in a prevacuum configuration and are designed and manufactured for fast and efficient disinfection of surgical instruments, rubber materials and glass containers in healthcare facilities.

Size of Chamber	
Chamber Volume	290 Lt.
Chamber Depth	610 mm
Chamber Width	660 mm
Chamber Height	720 mm
DIN 1/1 basket	10 pcs
<i>* Basket size (ISO): 485x255x50mm (LxWxH)</i>	

Dimensions	Double Door
Door Type	Fully automatic vertical sliding door
External dimension	
Device Depth	820 mm
Device Width	1050 mm
Device Height	1910 mm

ERYIGIT washer disinfectors are designed and manufactured in compliance with the following requirements and standards:

Medical Device Directive	: 93/42/EEC as amended by directive 2007/47/EC
Device Classification	: Class IIb, acc. To EC MDD 93/42/EEC 2007/47/EC (Annex IX)
Low Voltage Directive	: EN 60601-1-1
EMC Directive	: EN 60601-1-2
Disinfection – washer disinfectors –	: EN15883
Quality Management System Requirements	: EN - ISO 9001
Medical Devices – Quality management systems – Requirements for regulatory purposes	: ISO 13485
Environmental Management Systems – Requirements with guidance for use	: ISO 14001

"Type" tests of ERYIGIT washer disinfectors are performed and certified according to the directives of EN 15883 by The German accreditation company HYGCEN GmbH.



Device	
Control System	PLC (Programmable Logic Controller)
Operation Mode	Fully Automatic / Button Command
Display Type	Color TFT, LCD Touch Screen
Display Size	7,0"
Key Pad	Touchscreen
Printer	40 Character/line, integrated thermal printer
Communication	RS232 Port
Warning System	Visual & Audio & Printed
Monitoring	Via Touchscreen Display
Mobility	Easy positioning on 4 castors (2 x swivel) and firm fixing on suspension legs.

Standard Programs
P1 WASHING
P2 WASHING + DISINFECTION
P3 WASHING + DISINFECTION + DRYING
P4 DISINFECTION
P5 DRYING
20 PROGRAMS CAN BE ADDED MANUALLY

Safety & Quality Features
✓ Protects operator from electrical current leaks.
✓ Emergency stop button.
✓ Hepa filter for air filtration.
✓ Water level control with probe in chamber
✓ Password protection.
✓ Doors lock when water not drained.
✓ Unable to open both doors at once in Septic-Aseptic models.

Temperature

Range	15°C - 110°C (chamber)
Measurement	(5 x PT 100 (DIN Class A) Sensors)
Location	Chamber up (2), Chamber down (1), Turbo (1), Air (1)

Construction

Frame(Carcase)	Electrostatic powdered profile steel
	AISI 304 stainless steel optional
Chamber	1,5 mm, AISI 316 stainless steel
Door	1,5 mm, AISI 304 stainless steel with glass
Outer Frame	AISI 304 stainless steel

Optional Accessories

Cart Set (Transport + Loading) with adjustable height option
DIN 1/1 basket (AISI 316 Stainless)

Drainage

Water	Inclined metal pipe to be installed onsite with at least 2 meters of length (diameter: 2" - 3")
Air (DRYING)	Blower (Built In) 1,5 kw

Installation Conditions

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.

Chamber

Test Temperature	15-110°C
Working Temperature	15-110 °C

Installation Requirement

Power	25 kW, 3 Phase / 400 VAC ± 10
Water	RO treated deionized water for high performance

Feeding Water Requirements *

Residue on evaporation	≤ 10 mg/L
Silicate (SiO ₂)	≤ 1 mg/L
Iron	≤ 0,2 mg/L
Cadmium	≤ 0,005 mg/L
Lead	≤ 0,05 mg/L
Heavy metals other than iron, cadmium, lead	≤ 0,1mg/L
Chloride (Cl)	≤ 2 mg/L
Phosphate (P ₂ O ₅)	≤ 0,5 mg/L
Conductivity (at 25 °C)	≤ 5 µS/cm
pH Value (degree of acidity)	5 to 7,5
Appearance	Free of sediment, clear, colorless
Asperity (Σ Earth Alkali Ions)	≤ 0,02 mMol/L

* Water quality should be checked by standard analytical test methods by the institution which utilizes washer disinfector



For more information, please contact:

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