

GLT MM-1000

Autoclave RO Water Treatment System



The GLT MM-1000 Series Autoclave RO Water Treatment System is engineered as a high-precision medical refinery. By integrating the RO1+ Mixed filter technology, this system transcends standard purification, delivering ultra-pure water specifically for high-stakes medical sterilization environments.

Ultra-Pure Deionized Water Output

- **Standard Compliance:** Fully meets and exceeds **EN 285** Table B.1 requirements for sterilizer feed water.
- **Ultimate Purity:** Reduces conductivity to **$\leq 0.1 \mu\text{S}/\text{cm}$** , far surpassing the required $\leq 5 \mu\text{S}/\text{cm}$ for steam generators.
- **Advanced Desalination:** Achieves a $\geq 99.8\%$ rate, removing silicates and chlorides to prevent chamber corrosion.
- **High-Capacity Power:** Delivers 1000 L/h, capable of supporting multiple large-scale sterilizers simultaneously.
- **Asset Protection:** Eliminates hardness and heavy metals to prevent limescale and protect surgical tools.
- **Smart Operation:** Fully automatic monitoring ensures 24/7 medical-grade water consistency.

Reliable Quality. Competitive Pricing. Trusted Supply.

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Technical Parameters

Feature	Specifications
Model	MM - 1000 (GLT MM-1000)
Operation Mode	Fully Automatic
Water treatment	Reverse Osmos
Operating Voltage	220 V - 50 Hz
Hourly Water Production Capacity	1000 L
Operation Mode	Fully Automatic
Desalination Rate	≥ 99.8%
Single-stage Conductivity	≤ 10- 25 µS/cm Adjustable Conductivity
Mixedbed output conductivity	≤ 1- 0.1 µS/cm Adjustable Conductivity
Flow Management	Integrated Blending Valve

Core Features

- Equipment Lifespan: Eliminates limescale buildup, protecting autoclave chambers and heating elements.
- Instrument Care: Prevents mineral spotting and corrosion on expensive surgical tools.
- Total Control: Real-time monitoring via digital controllers and triple flowmeters.
- Certified Quality: Manufactured under ISO13485 medical standards.

IMPORTANT NOTE:

To comply with **EN 285 standards**, high-end steam generators require ultra-low conductivity ($\leq 5 \mu\text{S/cm}$). Our system provides a superior safety margin by delivering **0.1 µS/cm**, effectively eliminating the risk of limescale and corrosion to protect both your autoclave and surgical instruments.