

# GLT MM-500

## Autoclave RO Water Treatment System



The GLT MM-500 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  **$\leq 0.1 \mu\text{S/cm}$** , far surpassing the required  $\leq 5 \mu\text{S/cm}$  for steam generators.
- **Advanced Desalination:** Achieves a  $\geq 99.8\%$  rate, removing silicates and chlorides to prevent chamber corrosion.
- **High-Capacity Power:** Delivers 500 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.

[info@galatamedical.com](mailto:info@galatamedical.com) | [www.galatamedical.com](http://www.galatamedical.com)

# Technical Parameters

Feature	Specifications
Model	MM - 500 (GLT MM-500)
Operation Mode	Fully Automatic
Water treatment	Reverse Osmos
Operating Voltage	220 V - 50 Hz
Hourly Water Production Capacity	500 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.