



Tristel Rinse Assure is a Reverse Osmosis (RO) system specifically designed to be connected to an Endoscope Washer Disinfector (EWD). It combines water filtration and chlorine dioxide (ClO₂) dosing to provide bacteria free water.

Future-proof your endoscopy units against failing rinse water tests.

Rinse Assure is a 3-in-1 system that:

- ✓ Filters particles down to 0.2µm through a three-stage filtration process.
- ✓ Treats incoming water through a RO membrane.
- ✓ Doses this water with low levels of Tristel's proprietary chlorine dioxide (ClO₂) chemistry.

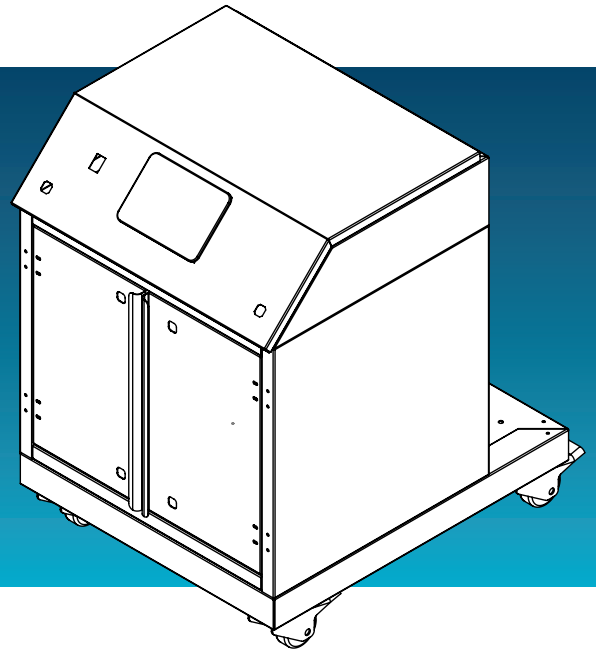


Technical Specifications

Rinse Assure S2

Key Product Features

- ✓ Prevents bacterial proliferation in the incoming water
- ✓ Low dosing of chlorine dioxide
- ✓ Compact design
- ✓ Fully controlled with wireless remote monitoring by a qualified engineer



Water System Specifications

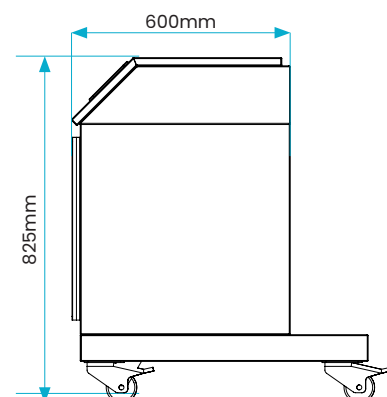
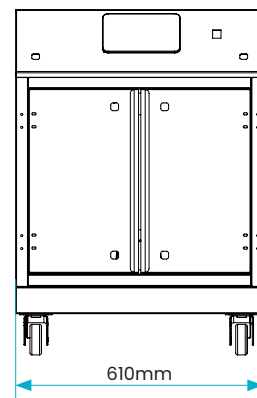
| Parameter | RA-S2 |
|----------------------------|------------------|
| Number of pre-filters | 1 |
| Number of final filters | 1 |
| Max. Filtration | 0.2µm |
| Disinfectant type | ClO ₂ |
| Chemical container size | 2 x 5L |
| Water delivery temperature | Ambient |

Feed Water Specifications

| Parameter | RA-S2 |
|-----------------------------------|--------------|
| Min. water inlet temperature (°C) | 4 |
| Max. water inlet temperature (°C) | 35 |
| Avg. water inlet flowrate | 18 - 20L/min |
| Pressure | 2-5 Pa |
| Drainage handling | 5 L/min |

Electrical Requirements

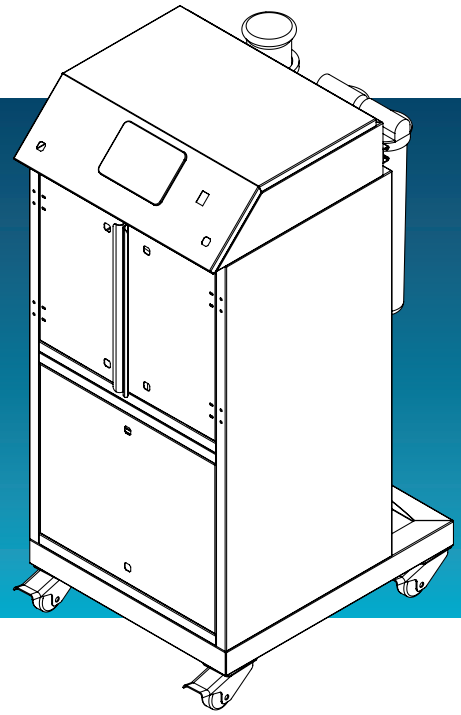
| Parameter | RA-S2 |
|-------------------|--------------|
| Voltage (+/- 10%) | 230V AC 50Hz |
| Socket | 13A 3-Pin |
| HMI Screen size | 7 inch |



Rinse Assure S3/3+

Key Product Features

- ✓ Prevents bacterial proliferation in the incoming water
- ✓ Full reverse osmosis system, including low dosing of chlorine dioxide
- ✓ Total of 55/85 litres dosed storage capacity
- ✓ Fully controlled with wireless remote monitoring by a qualified engineer

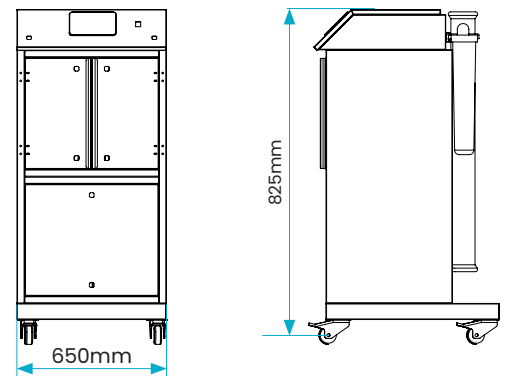


Water System Specifications

| Parameter | RA-S3/3+ |
|-------------------------------|---------------------------------------|
| Number of pre-filters | 2 |
| Number of final filters | 1 |
| Max. Filtration | 0.2µm |
| Disinfectant type | ClO ₂ |
| Chemical container size | 2 x 5L |
| No. RO membranes | 1x S3 2x S3+ |
| Membrane size (length) | 4040 (1016mm) |
| Membrane diameter | 99mm |
| Tank Capacity | 55L (Cat. 5) - S3 85L (Cat5) - S3+ |
| Water production max/hour | 210 L/hour - S3 420 L/hour - S3+ |
| Water delivery max. flow rate | 25 L/min |
| Water delivery temperature | Ambient |
| Salt rejection | 99% |

Electrical Requirements

| Parameter | RA-S3/3+ |
|-------------------|--------------|
| Voltage (+/- 10%) | 230V AC 50Hz |
| Socket | 13A 3-Pin |
| HMI Screen size | 7 inch |



Feed Water Specifications

| Parameter | RA-S3/3+ |
|-----------------------------------|---------------------------------|
| Min. water inlet temperature (°C) | 4 |
| Max. water inlet temperature (°C) | 45 |
| Min. water inlet flowrate | 10 L/min - S3 15 L/min - S3+ |
| Max. water inlet SDI | 25 L/min |
| Chlorine mg/L | <0.1 |
| Iron/Manganese max. mg/L | <0.1/<0.05 |
| Conductivity | <1000US/cm |
| Pressure | 2-8 Pa |
| Drainage handling | 10 L/min |

We Have Chemistry

Rinse Assure doses low concentrations of Tristel's proprietary chlorine dioxide (ClO₂) chemistry into the incoming water supply used during an endoscope washer-disinfector (EWD)'s decontamination cycle.*

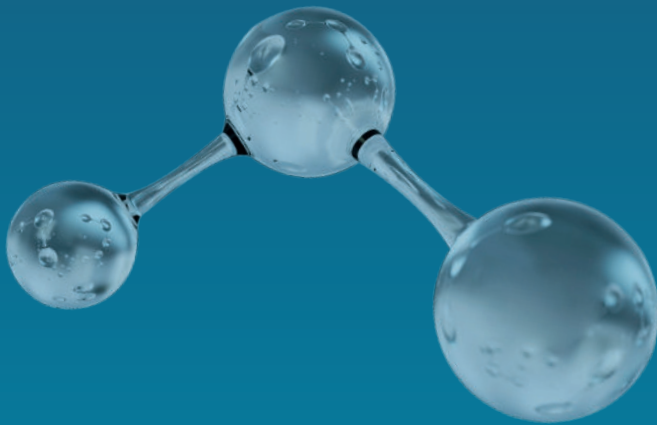
Tristel's ClO₂ is compatible with all materials used within EWDs at the concentration dosed by Rinse Assure. It does not damage endoscopes and does not affect the chemical composition or efficacy of detergents, including enzymatic, and disinfectants, including peracetic acid, commonly used in EWDs.

*Dosage levels are adjusted based on the amount of water flowing through the system to ensure bacteria-free water

Proven Effective

Nelson Labs is a leading United States laboratory used by medical device companies, including EWD companies, for disinfectant testing. The effectiveness of Rinse Assure was evaluated by Nelson Labs under Good Laboratory Practice (GLP).

Rinse Assure was challenged with a high bioburden (>10⁶ CFUs/mL) of *Mycobacterium terrae* and *Pseudomonas aeruginosa*. Organisms were injected directly into the tank of Rinse Assure, representing a worst-case contamination scenario. The Rinse Assure cycle was run, and a >6 log₁₀ reduction of both *M. terrae* and *P. aeruginosa* was achieved.



For over 30 years, Tristel has been manufacturing infection prevention products.

With Rinse Assure, we have taken our decades of excellence in chemistry and applied it to rinse water filtration to provide water that:

- ✓ Is bacteria free
- ✓ Contains no pathogens of concern
- ✓ Achieves 0 CFU/mL

Tristel™



Scan me for more
on Rinse Assure!

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