

EW1

Compact Automatic Endoscope Reprocessor



**Steelco**  
devoted to hygiene



“For the Environmentally conscious”



## EW 1 - Compact Automatic Endoscope Reprocessor

The EW 1 washer disinfectant is capable to reprocess 1 flexible endoscope or up to 3 video bronchoscopes of all types and brands.

Highest flexibility is granted by the **compact design**, which assures **low cycle costs by reduced consumption of water, chemicals and energy**.

The integrated **monitoring system** assures a **higher level of safety** by detecting disconnected and obstructed channels automatically.



Steelco EW 1 is realized complying to the EN ISO 15883-1/4.

### Configurations



Free standing, under bench or table top - the EW 1 design provides an installation set for any facility.

Using the "rack" option, two EW 1 machines will be installed on the top of each other on a mobile shelf with stainless steel base for the storage of process chemicals. This set up allows asynchronous reprocessing of 2 flexible endoscopes on a small footprint.

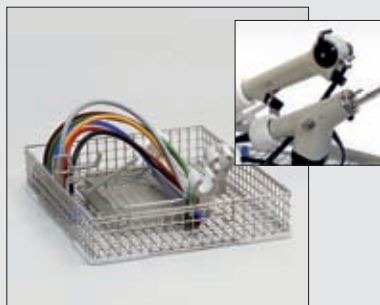
## EW 1 - Wash carts

### C566 - flexible endoscopes



The wash basket allows the proper placement of the endoscopic instrument, avoids overlapping points, places the connection tube and the distal tube in a constant slope to facilitate the natural drain of fluids from the channels.

### C569 - video/fibrobronchoscopes



Wash cart for the simultaneous treatment of: 1 videobronchoscopes/ cystoscopes or 3 fiberscopes/ cystoscopes with separate control.

### C570 - rigid scopes



Wash cart for nr. 6 rigid scopes (max length 450 mm) with the possibility of luer lock connection for washing. EW1 endoscope reprocessor machine can run thermal disinfection cleaning programs.



Batch data information can be stored on a Memory stick connected to the integrated USB interface or alternatively printed by the thermal printer ST1.

## EW 1 - Main features

- Compatible and tested with peracetic acid (cold disinfection) and glutaraldehyde (chemo-thermal).
- 3 level service menu, protected by password (installation, service, user)
- Integrated endoscope channel monitoring system with 2 independent sensors.
- Leak test at the beginning of the cycle and continuous monitoring during all cycle phases with automatic cycle stop in case of anomaly.
- Disinfection of final rinse water using a 2 stage high level microbiological filter system (0.45µm and 0.1µm).
- Inbuilt drying system with HEPA H14 sterile air filter.
- Thermal self disinfection cycle according EN ISO 15883-4.
- The use of Steelco chemicals for cleaning and disinfection guarantees highest microbiological efficiency and documented results in the instruments biofilm removal.
- Control panel “soft touch” with LCD color display with highlight of remaining time to cycle completion.
- Process documentation by external printer or USB interface.

### Optional

- Light inside chamber
- 3<sup>rd</sup> chemical dosing pump
- External printer ST1
- Water softner
- Rack for two EW 1 A.E.R.
- Stainless steel base for storage of process chemicals



neodisher® is a registered trademark of Dr. Weigert GmbH & Co.KG

## Optimal performance with Steelco process chemicals

In cooperation with the market leading manufacturer for process chemicals used in instrument disinfection Dr.Weigert GmbH & Co. KG, neodisher® products were configured specifically for the Steelco EW 1.

By using Steelco process chemicals the EW 1 automatic endoscope reprocessor reaches the highest efficiency results proven by microbiological tests together with complete documentation and instruments maximum safety conditions.

**Steelco neodisher® SC** - This product guarantees the excellence in cleaning performances and protection of the materials even at dosing temperature of 35°C/95°F.

**Steelco neodisher® Septo PAC** - Based on peracetic acid, this disinfectant chemical has a broad spectrum of activity providing secure and fast processes with the best material compatibility.

**neodisher® MediKlar** - The use of this rinsing agent improves the instruments drying results.



Two steps water filtration:  
first step 0,45µm,  
second step 0,1 µm

## Final rinse sterile water

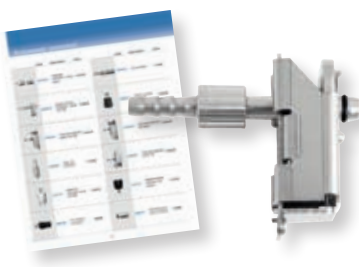
The double-stage microbiological filtration system secures the validated disinfection of process water for the final rinse phase.

Both filters are approved medical devices.

## Adapters and connectors

The ARES program includes a complete range of manufacturer-specific connectors for the endoscopes reprocessing. The connection hoses used in the EW 1 are flexible for easy attachment of the adapters to the endoscope and crimped thus avoiding unnecessary interruptions of the treatment program. The products are characterized by a high quality manufacturing for longer life and to ensure the tight connection to the cleaning system without pressure loss.

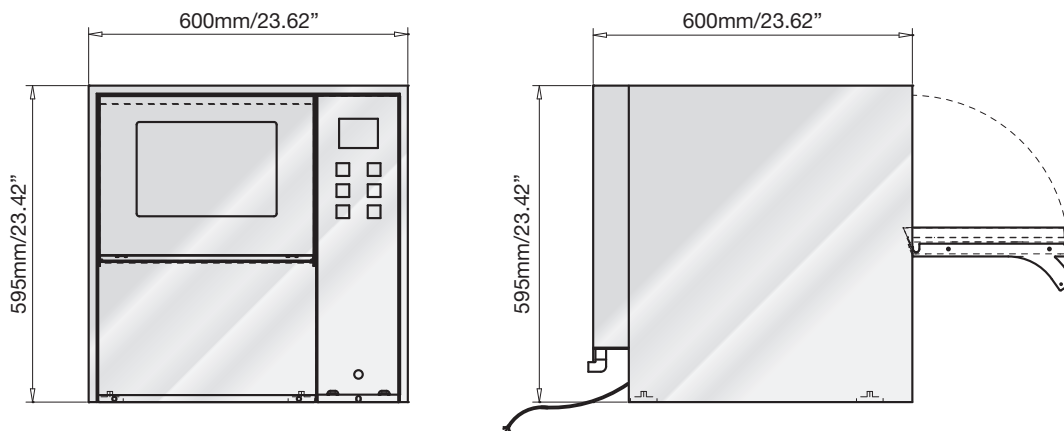
Hoses are made with FDA-approved materials to offer protection against biofilm



## Dimensions and connections

Standard electrical connection (international)*	230V/~ /50Hz
Optional electrical connection (North America)	220V/~ /60Hz
Power	2750 W
Noise	52 dB(A)
Permitted room temperature	+5°C / +40°C

\*other electrical connections also available as optional



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medical device pending