Flexible endoscopy automated reprocessing system
Safe and user friendly solutions for clinics
Steelco EW 1 Series
Compact Automatic Endoscope Reprocessor

Its **compact design** grants the highest level of flexibility assuring, at the same time, **low cycle costs** through a **reduced consumption** of water, chemical and energy.

**Pass-through version available!**

The EW 1 washer disinfector is able to reprocess flexible endoscopes of all types and brands such as gastroscopes, colonscopes, duodenoscopes, ecoendoscopes, video and fiber enteroscopes or bronchoscopes, cistoscopes, histeroscopes... per cycle.

What is the level of treatment required for your endoscopes?

*Now you have the freedom to choose the most suitable and safe process!*

**EW1, DOUBLE ISO 15883-4 & ISO 14937 COMBINATION COMPLIANCE**

360° **PEACE OF MIND**
ARES

The new standard for maximum safety in endoscope reprocessing

Working in close collaboration with leading endoscope reprocessing centres, Steelco developed the ARES system to best meet the current and future needs of clinicians.

EPW 100
Automated system to assist manual cleaning

EW 1 series
Compact Automatic Endoscope Reprocessor

ED series
Aseptic vertical and horizontal endoscope storage

Transport trolley
Short term transportation system

SteelcoSure
Independent performance verification of your equipment and processes.

Indicators for monitoring endoscope reproprocessors:
- Hydrogen peroxide chemical indicator

Products for monitoring residual protein:
- Long lumen protein detection test
- Protein detection test
Steelco EW 1 Series
Compact Automatic Endoscope Reprocessor

Technology Exceeding Performance

DOUBLE ISO 15883-4 & ISO 14937 COMBINATION COMPLIANCE.

EW 1 system is also compliant to ISO 15883-4 with fast validated High Level Disinfection cycles that allow a fast endoscopes turnover in busy Departments.

EW 1 technology has been validated according to ISO 14937 - as a Liquid Sterilizer - in line with customers needs and endoscope reprocessing latest requirements to fulfill Pneumology, Urology and Gastroenterology Departments requests of higher standard of logarithmic reduction.

When liquid sterilization is the goal, the answer is a “ready to go” cycle performed directly in the Point of Use with the release of a sterilized device.

Steelcoxide chemical configuration – Hydrogen Peroxide bi-component – makes all of this possible with its unique composition combining the properties of ADAMAVIR COMPLEX® salt with the properties of hydrogen peroxide.

The detergent SteelcoXide-DT boosts the proteolytic properties of ADAMAVIR COMPLEX® with an enzymatic complex and ionic surfactants.

Thermal self disinfection

Thermal self disinfection cycle of the washer and of the washing basket according to the preferred method indicated in EN ISO 15883-4.

Process traceability

Instrument and operator recognition can be faster through the bar-code reader option.

EW 1 options available

- Light inside the chamber
- Barcode reader
- Conductivity sensor
- Water softner
- Stand on wheels (+255mm height)
- Ethernet connection
- Rack for two EW 1 A.E.R.
- Washing chamber with forced HEPA H14 filtered warm air drying
- SteelcoDATA software allows centralized cycle data collection for traceability and statistic.
Main features

**Video/fibrobronchoscopes**
Simultaneous treatment of:
2 videobronchoscopes/cystoscopes or
3 fiberscopes/cystoscopes.

**Rigid scopes**
Washing cart for up to nr. 11 rigid scopes: 6 injection sleeves (max. instr. length 450mm); 5 luer lock connections for injection washing (max. instr. length 350mm).

**MONITORING**
Integrated endoscope channel monitoring system with 2 independent sensors.
Leak test: continuous monitoring during all the cycle phases. Automatic cycle stop in case of anomaly.
Customized endoscopes calibration on site!

**MONITORING**
Intuitive panel control
3 levels of access: installation, service, user.

**Ergonomic loading and unloading thanks removable washing baskets**

**Batch data information can be stored on a memory stick connected to the integrated USB interface or alternatively printed by the built-in thermal printer ST1.**

**Microbiological filtration**
Integrated sterile filters for channels purging and drying. Double microbiological filtration system.
Validated efficacy against endotoxins removal.

**Safe and easy chemical operation**

**High throughput washing carts**
The washing baskets allows the proper placement of the endoscopic instrument, avoids overlapping points and places the connection tube and the distal tube in a constant slope to facilitate the natural drain of fluids from the channels.

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ARES SYSTEM
The new standard for the AER departments

EPW 100
Automated system to assist manual cleaning

The Steelco EPW 100 assists operators during manual cleaning phase by leak testing endoscopes, flushing and rinsing channels, eliminating the risk of stress induced injuries and providing a permanent record of the process that can be printed, transferred to a USB stick or integrated into SteelcoData.

This systems allows total immersion of endoscopes according to most European country guidelines.

ED series
Aseptic vertical and horizontal endoscope storage

Both vertical hanging and horizontal basket in single door or pass through versions with left or right hand door swings.

Independently validated to retain microbiology integrity up to 720 hours according to EN 16442

The ED 100 cabinet aseptic horizontal storage
8 capacity endoscopes

The ED 150 cabinet aseptic vertical storage
9 capacity endoscopes
**Size and Dimensions**

**EPW 100 and sink/furniture for manual cleaning**

<table>
<thead>
<tr>
<th>Model</th>
<th>W (mm)</th>
<th>D (mm)</th>
<th>H (mm)</th>
<th><strong>w</strong></th>
<th><strong>d</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>EPW 100</td>
<td>450/17 (%)</td>
<td>240/9 (%)</td>
<td>230/9 (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>99911264*</td>
<td>2000/78 (%)</td>
<td>700/27 (%)</td>
<td>985/38 (%)</td>
<td>1850/72 (%)</td>
<td>250/9 (%)</td>
</tr>
<tr>
<td>99911265*</td>
<td>1200/47 (%)</td>
<td>700/27 (%)</td>
<td>985/38 (%)</td>
<td>1050/41 (%)</td>
<td>300/11 (%)</td>
</tr>
<tr>
<td>99911266 side cabinet</td>
<td>500/19 (%)</td>
<td>700/27 (%)</td>
<td>985/38 (%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* available with automatic filling and draining (99912015 - 99912083)

**EW 1 - single door**

<table>
<thead>
<tr>
<th>Model</th>
<th>W (mm)</th>
<th>D (mm)</th>
<th><strong>d</strong></th>
<th>H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EW 1 stand alone</td>
<td>600/23 (%)</td>
<td>630/24 (%)</td>
<td>+280/11</td>
<td>960/37 (%)</td>
</tr>
<tr>
<td>EW 1 rack configuration</td>
<td>750/29 (%)</td>
<td>690/27 (%)</td>
<td>+280/11</td>
<td>943/84 (%)</td>
</tr>
</tbody>
</table>

**EW 1 - double door**

<table>
<thead>
<tr>
<th>Model</th>
<th>W (mm)</th>
<th>D (mm)</th>
<th><strong>d</strong></th>
<th>H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EW 1 stand alone</td>
<td>710/27 (%)</td>
<td>570/22 (%)</td>
<td>+280/11</td>
<td>1206/47 (%)</td>
</tr>
<tr>
<td>EW 1 rack configuration</td>
<td>860/33 (%)</td>
<td>570/22 (%)</td>
<td>+280/11</td>
<td>1663/65 (%)</td>
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</tbody>
</table>

**ED Series - Drying and storage cabinet**

**Horizontal storage**

<table>
<thead>
<tr>
<th>Model</th>
<th>W (mm)</th>
<th>D (mm)</th>
<th>H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 100/1 single door</td>
<td>710/27 (%)</td>
<td>820/32 (%)</td>
<td>1900/74 (%)</td>
</tr>
<tr>
<td>ED 100/2 double door</td>
<td>710/27 (%)</td>
<td>840/33 (%)</td>
<td>1900/74 (%)</td>
</tr>
</tbody>
</table>

**Vertical storage**

<table>
<thead>
<tr>
<th>Model</th>
<th>W (mm)</th>
<th>D (mm)</th>
<th>H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 150/1 single door</td>
<td>968/38 (%)</td>
<td>787/31</td>
<td>2270/89 (%)</td>
</tr>
<tr>
<td>ED 150/2 double door</td>
<td>968/38 (%)</td>
<td>840/33 (%)</td>
<td>2270/89 (%)</td>
</tr>
</tbody>
</table>

**Combined devices**

<table>
<thead>
<tr>
<th>Model</th>
<th>W (mm)</th>
<th>D (mm)</th>
<th>H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 150/3 single door</td>
<td>1705/67 (%)</td>
<td>787/31</td>
<td>2270/89 (%)</td>
</tr>
<tr>
<td>ED 150/4 double door</td>
<td>1705/67 (%)</td>
<td>840/33 (%)</td>
<td>2270/89 (%)</td>
</tr>
</tbody>
</table>

**Transport Trolley**

To improve and maximize safety, thus reducing cross contamination risk while moving the endoscope across GI Labs dirty and clean paths.

The trolleys can be equipped with **cassettes, with red and white bags** and together with **red or green tamper proof seals** for a quick colour code identification of clean and dirty scopes.

Top can be used as work surface.
Flusher disinfectors

Dental washer disinfectors

Washer disinfectors for central sterile supply departments

Steam sterilizing autoclaves

Laboratory glassware washer disinfectors

Washing and sterilizing systems for lifescience and pharmaceutical applications

Products offered for sale may differ from those described or illustrated in this brochure due to later production changes or/and optional configurations.

The products and technical specifications are subjected to change without prior notice. Please consult your Steelco dealer for the latest information.

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Dental washer disinfectors

Washer disinfectors for central sterile supply departments

Steam sterilizing autoclaves

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