Reliance PTX™
ENDOSCOPE PROCESSING SYSTEM
DESIGNED TO PERFORM

One Integrated Approach to Healthcare
A growing trend

STERIS’s reputation for unparalleled product performance and service, combined with the innovative design of the Reliance PTX™ Processor, has resulted in a new generation of endoscope washer-disinfector that can meet all your processing needs.
Benefits

STERIS Integrity
The global STERIS brand represents a unique infection prevention heritage and a reputation for trusted performance.

Reliable
Integral monitoring and validation of each scope in each cycle. Leak test and channel flow monitoring ensure patient safety standards are maintained.

Easy to Use
An ergonomic pull-out loading/unloading work surface, one-glance LED cycle indication and large touch screens all help to make it easy to use.

Full Compliance
The Reliance PTX™ Processor is fully compliant with EN ISO 15883 parts 1 & 4 and CE-marked to the Medical Device Directive 93/42/EEC - 2007/47/EC as well as other relevant standards.

Processing Capacity
Able to process two flexible endoscopes per cycle with up to seven channels each OR up to six non-channelled naso-endoscopes per cycle.

Space Saving
Small footprint that maximises available space and ability to position multiple units side by side to optimise access.

Flexible
Validated with high performance enzymatic cleaning chemistry and a choice of Peracetic Acid or Glutaraldehyde disinfectant to meet local market demands.

Well Designed
Designed to look good, work well, service easily and perform robustly every cycle, every day.
Key features

Modern appealing design
Full traceability
Large colour touch screen
One-glance LED cycle indication
Pass-through processing
Fold-down work surface and loading shelf
Service access panel
Self-contained chemistry drawer
Small footprint

Pass-through Processing
With a dirty and clean side, the new Reliance PTX™ Processor is able to reduce patient exposure to potential cross-infections as well as help to increase work flow, match the needs of a busy department and meet new safety standards. It has been designed for side-by-side installation to maximise use of limited space.

Easy to Load
The Reliance PTX™ Processor door smoothly folds down to provide an ergonomic space-saving work surface for loading and unloading. The baskets simply slide out to connect the endoscopes outside of the chamber.
Large Capacity

Each cycle has the capacity to wash and disinfect either two flexible endoscopes or up to six non-channelled naso-endoscopes in two separate baskets. One-touch validated endoscope cycle takes circa 35 minutes including washing, rinsing, disinfecting and purging with medical compressed air.

Both the capacity and cycle time help to process large volumes of equipment easily and quickly when the department throughput needs to increase.

Control Screen

The full-colour touch screen is large and easy to read from a distance. The screen is the master interface for the unit as it manages the range of instruments processed and identifies the specific characteristics of each individual endoscope. Cycle progress is indicated with a digital countdown, as well as the coloured LED lights in both doors.

Swift and Effective Processing Inside and Out

The rotating spray arm for washing and disinfecting is able to reach into the far corners of the chamber for both the top and bottom baskets. Each endoscope channel is flowed with cleaning chemistries and disinfectant.

Rinse Water Control

A pure water filter is included as standard in the Reliance PTX™ Processor to ensure no microbial contamination from the potential dead leg connection between the pure water (usually reverse osmosis) system and the processor. This filter is treated during each self-disinfection cycle.
Full Traceability
The Reliance PTX™ Processor provides comprehensive cycle recording, monitoring and verification records using the inbuilt systems of the unit. A Reliance PTX™ Viewer allows a department manager to review the cycle data on a stand-alone PC and inspect the cycle graph. Full data connectivity to a track and trace system is also available.

Full-Cycle Monitoring
Each cycle is independently monitored to ensure compliance of key cycle parameters of time, temperature, quantity of cleaner and disinfectant, quantity of water, flow through channels and conductivity (optional). A leak test is performed at the start and pressure is maintained throughout the cycle. There is a pre-programmed thermal self-disinfection cycle (A0 = 3,000) to routinely decontaminate the unit itself at 90°C.

Full Scope Characterisation
The flow characteristics of each endoscope are entered into the Reliance PTX™ Processor control by a trained STERIS technician, and linked to that scope ID. Before processing the scope and operator identification are entered manually or with a barcode reader to provide comprehensive individual cycle verification records.

Isolated Chemical Chamber
The Reliance PTX™ Processor has been designed to use STERIS chemicals and to hold these chemistries in an easy-to-reach front opening drawer. The Reliance PTX™ Processor has capacity to hold 1 concentrated cleaner and 2 disinfectant bottles – each with low level chemical detection alarm.

Easy Maintenance
The service access to the Reliance PTX™ Processor has been designed to be easy, with a front-opening door on the dirty side. This enables effective routine maintenance and minimises downtime.

Bespoke Choice of Accessories
Each Reliance PTX™ Processor may be enhanced by adding:
- Barcode reader to ease scope and operator identification
- Duplicate screen on the clean side to follow cycle progress
- Integral printer to supply a paper record of each cycle
- Label printer to add adhesive cycle records to patient notes
- Conductivity probe package to monitor rinse water quality

The flexibility of the Reliance PTX™ Endoscope Processing System allows tailoring to your needs.

Service
STERIS offers a wide range of service contracts to protect your capital investment. Reliance PTX™ Processor can be fully validated according to an IQ/OQ/PQ schedule and routinely revalidated to meet local expectations. Every level of coverage comes with the added benefit of highly skilled technical teams, as well as genuine STERIS parts. Wherever possible, we will assign a primary engineer to your site to create a working relationship with your team, your equipment and your site.
Cleaning Indicators
To ensure the cleaning efficacy and blockage detection of the Reliance PTX™ Processor, the revolutionary Browne STF HeptaLumen™ Automatic Endoscope Washer-Disinfector Test kit can ensure that you are complying to HTM standards. It uses STF Test Soil technology to verify cleaning efficacy.

Simply attach the 7 tubes to the Reliance PTX™ Processor, run a normal cleaning cycle, and just before disinfection begins, evaluate the STF Indicators by removing them from the capsule and examine for the presence of red soil. A clean indicator with no evidence of red soil is a pass result.

STERIS Processing Chemistries
The Reliance PTX™ Endoscope Processing System is validated on installation and has been type-tested to use:

**Cleaner**
- Prolystica™ Ultra Concentrate Enzymatic HP Detergent

**Disinfectant**
- Prolystica™ Auto PAA Rapid Sporicidal Disinfecting Solution
- Endoclean™ High-Level Disinfectant (Glutaraldehyde)

Standards of Compliance and Reliability
- Fully CE-marked to Medical Device Directive, Electrical Electromechanical and Safety standards
- Performance: EN ISO 15883-1 & EN ISO 15883-4
- Risk Management EN ISO 14971
- Safety: IEC/EN 61010-1 & IEC/EN 61010-2-040
- Software: IEC 62304
- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU & EN 50581
- Manufactured in Canada in an ISO 9001 & ISO 13485 Compliant Quality Management System

Cleaning Indicators
To ensure the cleaning efficacy and blockage detection of the Reliance PTX™ Processor, the revolutionary Browne STF HeptaLumen™ Automatic Endoscope Washer-Disinfector Test kit can ensure that you are complying to HTM standards. It uses STF Test Soil technology to verify cleaning efficacy.

Simply attach the 7 tubes to the Reliance PTX™ Processor, run a normal cleaning cycle, and just before disinfection begins, evaluate the STF Indicators by removing them from the capsule and examine for the presence of red soil. A clean indicator with no evidence of red soil is a pass result.

Professional Education
Get connected to STERIS University, encompassing training disciplines and quality Clinical Education, delivered by a team of expert industry professionals.

For more details, ask educationdesk@steris.com or visit university.steris.com
Dimensions & Weights

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>800 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>724 mm</td>
</tr>
<tr>
<td>Height</td>
<td>1981 mm</td>
</tr>
</tbody>
</table>

Power Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>380-400-415 V, 50 Hz</td>
</tr>
</tbody>
</table>

Cleaning Chemistries

<table>
<thead>
<tr>
<th>Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disinfectants</td>
</tr>
<tr>
<td>Prolystica™ Auto PAA Rapid</td>
</tr>
<tr>
<td>Sporcidal Disinfecting Solution</td>
</tr>
<tr>
<td>Endoclean™ High-Level Disinfectant</td>
</tr>
<tr>
<td>Cleaner</td>
</tr>
<tr>
<td>Prolystica™ Ultra Concentrate</td>
</tr>
<tr>
<td>Enzymatic HP Detergent</td>
</tr>
</tbody>
</table>

Reliance PTX™ Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dirty-side barcode reader</td>
</tr>
<tr>
<td>Clean-side screen</td>
</tr>
<tr>
<td>Clean-side printer</td>
</tr>
<tr>
<td>Clean-side label printer</td>
</tr>
<tr>
<td>Conductivity probe</td>
</tr>
</tbody>
</table>