


REUSABLE LARYNGOSCOPE REPROCESSING INSTRUCTIONS

The following instructions are for Timesco reusable laryngoscopes (excluding Orion Blades & video laryngoscopes). **These devices are supplied non-sterile and must be cleaned and sterilised before first use and after each use.** These instructions are intended for use only by persons with the required specialist knowledge and training.

 WARNINGS	<ul style="list-style-type: none"> Follow instructions and warnings as issued by manufacturers of any decontaminants, disinfectants and cleaning agents used. Wherever possible avoid use of mineral acids and harsh, abrasive agents. Do not use chemical sterilants with caustic ingredients such as: surgical scrub solutions, povidone-iodine solutions, bleach, peroxide solutions, Virox 3, Sporox and Cidex PA. Do not use garment or surface disinfectants. Do not autoclave with substandard stainless-steel instruments as this may cause a reaction and lead to rust or discolourisation. No part of the process shall exceed 140° C. Ultrasonic cleaning is not permitted, as this will cause damage to the glass fibre optic bundle. When reprocessing medical devices, handle with care, wearing protective clothing and face visors or goggles where appropriate. Batteries must be removed from any battery-operated devices before reprocessing. We recommend the end cap is removed from all handles prior to washing and is refitted before the autoclave cycle. The end cap should be fitted so that it is not too tight on the handle during the autoclave cycle.
LIMITATIONS ON REPROCESSING	<ul style="list-style-type: none"> Do not flash autoclave or use ultrasonic cleaning. VHP Sterilisation: Up to 230 cycles. Beyond these cycles, the device may continue to be used if inspected and determined to be in a safe and good condition for its intended use. Other Reprocessing Methods: As long as the device conforms to ISO 7376 requirements.
LARYNGOSCOPE BLADES	
<ul style="list-style-type: none"> OPTIMA CLX Blades have removable fibre optic cores which need to be removed prior to cleaning in accordance with the supplied instructions for use. For all Fibre Optic Blades, do not brush the ends of the fibre bundles with any abrasive brush or material as this will damage the fibre cores. ORION Blades must be reprocessed in accordance with Orion Laryngoscope Blade Reprocessing Instructions (Reference: I.L.046). 	
LARYNGOSCOPE HANDLES	
<ul style="list-style-type: none"> XLED and XENON Handles all contain a non-autoclavable bulb. The bulb must be removed before cleaning or autoclaving the handle. Bulbs should be manually cleaned by using an appropriate disinfectant. The area around the bulb housing and block assembly should be thoroughly cleaned during manual or automatic cleaning. Bulbs should be refitted to the handle after the handle has completed the full reprocessing and autoclaving cycle and the handle should be tested to ensure the bulb is fitted correctly and working. ORION Handles may develop deposits on the contacts with repeated reprocessing. We recommend the pin in the head block of the handle is cleaned with a cloth to remove any deposits which may affect reliable electrical contact with the blade. It is not necessary to remove the head block from the handle for cleaning or autoclaving unless it is necessary to remove a bulb. 	
INSTRUCTIONS	
AFTER POINT OF USE	<ul style="list-style-type: none"> If possible, soiled devices should be placed in a holding solution (combined disinfectant / enzyme solution) immediately after use and prior to cleaning.
PREPARATION BEFORE CLEANING	<ul style="list-style-type: none"> Reprocess all devices as soon as it is reasonably practical to do so. Where necessary, disassemble devices that require disassembly for adequate cleaning and reprocessing.
MANUAL CLEANING	<p>Some devices cannot be effectively cleaned solely by a washer-disinfector, those items should be manually cleaned as follows and then cleaned in a washer-disinfector as below:</p> <ul style="list-style-type: none"> Using a sink dedicated for instrument cleaning (not used for hand washing), rinse excess soil from the device (water temperature <35°C).

REUSABLE LARYNGOSCOPE REPROCESSING INSTRUCTIONS

AUTOMATED CLEANING & DISINFECTION	<ul style="list-style-type: none"> Keeping the device submerged, with a brush, apply CE marked cleaning solution to all surfaces. Pay particular attention to underside and any jointed part of the device. Always brush away from the body. Do not use a wire brush. Rinse the device thoroughly with clean water, so that the water reaches all parts of the device, then carefully hand dry with lint-free gauze or use a drying cabinet.
MAINTENANCE, INSPECTION AND TESTING	<ul style="list-style-type: none"> Use only CE marked and validated washer-disinfector machines and cleaning agents, following the manufacturers' instructions for use, warnings and recommended cycles. Load devices carefully, ensure any delicate parts of the device are not liable to damage during the loading procedure. <p>Timesco devices have been validated to the following automatic washer-disinfector cycle: Pre-wash 28 °C for 4 minutes, Wash at 50 °C for 8 minutes, Rinse at 50°C for 4 minutes, Thermal Disinfection at 90°C – 95°C for 1 minute, Drying for 25 minutes. Validated detergents: Instro-Klenz, Enzycare, Olympic Spraydry 1000 and Sprayclean 2000.</p>
PACKAGING	<ul style="list-style-type: none"> All devices should to be packed following local protocol in accordance with BS standards.
STEAM STERILISATION	<ul style="list-style-type: none"> Use CE marked and validated (ISO 17665) vacuum autoclave operating at 134-137°C 2.25 bar for a minimum holding time of 3 minutes - always following the instructions of the machine manufacturer. When sterilising multiple instruments in one autoclave cycle, ensure that the steriliser manufacturer's stated maximum load is not exceeded. Ensure all devices are dry before sterilisation. If the devices cannot be dried prior to sterilisation, use distilled/de-ionised water in the final-rinse stage of cleaning. <p>Timesco devices have been validated to the following steriliser cycle: Sterilising temperature 134 – 137°C, Sterilizing time 3 minutes, Normal drying time 5 minutes, Extended Drying time 15 minutes.</p>
VHP STERILISATION	<p>Equipment: Steris Low Temperature Sterilisation System (V-PRO®1 Low, V-PRO® Plus Low, V-PRO® maX, V-PRO® maX 2, V-PRO® 60) & VAPROX HC Sterilant.</p> <ul style="list-style-type: none"> Ensure devices are clean prior to sterilisation. Repeat cleaning process if soiling is identified. Use the Standard, Lumen, Non-Lumen or Flexible Cycle. <p>Timesco devices are validated to the above systems and cycles.</p>
STORAGE	<ul style="list-style-type: none"> Ensure all devices are dry before storage, and stored in dry, clean conditions at an ambient room temperature.
ADDITIONAL INFORMATION	<ul style="list-style-type: none"> Other forms of cleaning (alkaline and neutral) and sterilisation (Cidex OPA, Ethylene oxide up to 65°C for anaesthetic devices) are permitted. However, always follow the instructions for use as issued by Timesco and always consult with us if in any doubt over the suitability of any process used. Follow cleaning and sterilising guidelines as per HTM 01-01. These instructions have been validated by the manufacturer of the medical device as being capable of preparing a medical device for reuse. It remains the responsibility of the processor to ensure that the processing, as actually performed using equipment, materials and personnel in the processing facility, achieves the desired result. This requires verification and/or validation and routine monitoring of the process.

V-PRO®, Virox 3, Sporox, Cidex PA, Instro-Klenz, Enzycare, Olympic Spraydry 1000 and Sprayclean 2000 are trademarks of their respective companies.

Always check www.Timesco.com for the latest version.



Timesco Healthcare Ltd. Timesco House, 3 Carnival Park, Carnival Close, Basildon, Essex, United Kingdom, SS14 3WN
T: +44 (0) 1268 297 700 E: info@timesco.com