



MR Conditional Laryngoscope Set

INSTRUCTIONS FOR USE

Warnings and Cautions

It is the users' responsibility to read and understand these instructions prior to use of Truphatek laryngoscope blades and handles. Tracheal intubation requires specialized training. Only personnel who have received such training should be authorized to use laryngoscopes. Any piece of medical equipment may transmit infection from patient to patient.

MR conditional means there may be some effect of magnet forces during use, therefore the operator should try the device in the magnet field prior to use to acquaint themselves with the effects of the magnet forces and make any adjustments when in use.

Appropriate measures must be taken to clean, disinfect and sterilize reusable laryngoscope blades between patients and to maintain them in a clean state.

Do not attempt to use any laryngoscope unless pre-use checks as described below have been carried out successfully.

Operating Instructions

Ensure Tru-MR™ battery pack is in the handle with cap screwed on securely.

Attach Tru-MR™ laryngoscope blade to the Tru-MR™ handle. Ensure blade is fitted firmly onto the handle and is clicked into place. Switch On - Pull blade UP. Laryngoscope will light up automatically. Switch Off - Move blade DOWN. Light will automatically turn off. Ensure that after every use blade and handle are returned to the OFF position.

Note: Tru-MR™ battery pack has a cumulative life span of approximate one hour of operation.

Pre-use checks prior to commencing an intubation procedure:

Check blade for sharp edges or flaws that may have resulted from mechanical damage.

Ensure fibreClip™ is attached securely to blade.

Ensure blade is securely and correctly clicked into place on the handle.

Switch On blade (see above) to check light intensity.

Insufficient or flickering light may indicate Tru-MR™ battery pack or fibreClip™ require changing. (see below).

fibreClip™ fibre Optic bundle assembly

Disengage laryngoscope blade from handle.

With thumb, push fibreClip™ in an outward direction away from the base of the blade until the fibreClip™ separates from the blade.

To reassemble, first place tip of fibreClip™ into the opening on the blade. Then press base of fibreClip™ into recess on the base of the blade, ensuring it is firmly secured.

Always perform pre-use check after cleaning or replacement of fibreClip™ to ensure proper performance of the blade.

Battery handling

Use only original Tru-MR™ battery pack manufactured by Truphatek International Ltd.

Unscrew cap of laryngoscope handle.

Insert Tru-MR™ battery pack while ensuring the direction of the arrow on the battery label is pointing into the cavity of the handle.

Screw cap. Perform Pre-Use check as described above.

Discard used or defective batteries in appropriate waste disposal receptacle. Do not incinerate.

ROUTINE CARE AND MAINTENANCE

Tru-MR™ reusable laryngoscope blades and handles should always be cleaned and thoroughly dried before storage

Tru-MR™ battery pack should be removed from handle when not required for use to avoid possible leakage of corrosive materials that could damage handle.

It is recommended to perform weekly operational checks of the Tru-MR™ battery pack, handle and blade.

Environmental Storage Conditions for Tru-MR™ battery pack:

Ambient Temperature range: 10-25 degs C

Relative Humidity range: <50%

CLEANING, DISINFECTION AND STERILIZATION

ALWAYS COMPLY WITH LOCAL HEALTH & SAFETY REGULATIONS. WHEN USING DISINFECTANT OR STERILISING SOLUTIONS, ALWAYS OBSERVE MANUFACTURERS' RECOMMENDATIONS FOR CONCENTRATIONS AND TIMES.

Cleaning of Tru-MR™ laryngoscope blades

Immediately after use, blades should be rinsed in clean tap water to remove any residue.

External surfaces should be gently scrubbed in soapy water with a soft brush to prevent encrusted deposits.

Do not use abrasive materials such as steel wool.

Rinse blades and dry thoroughly.

Replaceable fibreClip™ fibre optic bundles may be disassembled for easy cleaning and disinfecting.

They should always be thoroughly dried and reassembled into the blade prior to storage.

WARNING: Ultrasonic cleaning is not recommended and will void warranty.

Disinfection of Tru-MR™ laryngoscope blades

Use a suitable hospital disinfectant.

Follow the manufacturers' guidelines for recommended exposure times and solution strengths.

Do not use chemical sterilants containing caustic ingredients such as povidone-iodine solutions, bleach, peroxide solutions, sodium hypochlorite etc. which can cause irreparable damage to the instrument. After exposure to the solution, rinse the blade with warm water and dry thoroughly before sterilization.

Tru-MR™ Blades are compatible with treatment in Thermal Disinfectors

Sterilization of Tru-MR™ laryngoscope blades

Tru-MR™ blades may be autoclaved up to a maximum of 138°C for periods in compliance with nationally recommended time periods for autoclaving.

Tru-MR™ blades are suitable for sterilization by Ethylene Oxide (ETO), Steris® or Sterrad® sterilization procedures.

Note:

DO NOT FLASH AUTOCLAVE - this will void warranty.

Repeated autoclaving may reduce light transmission and life expectancy of fibre optic laryngoscope blades.

Cleaning, Disinfection and Sterilization of Tru-MR™ Handles

Remove Tru-MR™ battery pack.

Clean and disinfect handle externally with a cloth dampened with soapy water, alcohol or Cidex OPA disinfectant solutions as described above. Rinse and dry thoroughly inside and out before replacing Tru-MR™ battery pack.

Tru-MR™ handles without the battery pack can be steam autoclaved to a maximum of 138 deg. C for periods in compliance with nationally recommended time periods for autoclaving.

Tru-MR™ fibreClip™ fibre Optic Light Bundle

Cleaning and Sterilization:

The fibreClip™ can be cleaned in soapy water and disinfected in suitable hospital disinfecting agents.

fibreClip™ is compatible with treatment in Thermal Disinfectors and with sterilization by autoclave, ETO, Steris® or Sterrad® sterilization procedures.

Certain hospital detergents and disinfectants used in the above procedures can cause accumulation of residue on the tips of the fibreClip™ which may be detrimental to the performance and life expectancy of the fibreClip™.

In such cases, it is recommended to use a non-abrasive material with ethanol or other non-acidic cleaning solutions to wipe off the residue from both ends of the fibreClip™ to prevent residue build-up on the tips of the bundle.

Protect from scratches.

Ultrasonic cleaning and "flash" autoclaving are not recommended and will void warranty.

Repeated autoclaving may reduce light transmission and the life expectancy of the fibreClip™.

Thank you for purchasing Truphatek products. Proper care, maintenance and the use of only Truphatek spare parts, accessories and battery packs will ensure the long life and satisfactory performance of your purchase.

Whilst every care is taken to ensure the accuracy of these instructions we reserve the right to make modifications and improvements as we deem necessary in the interest of our customers.

Warranty

Truphatek laryngoscope blades and handles carry a 5 year warranty on all stainless steel parts against defects in manufacture and materials.

fibreClip™ replaceable fibre-optic bundles are guaranteed to perform for a period of 15 months from date of manufacture.

Tru-MR™ battery packs are guaranteed for 18 months from date of manufacture as appearing on the pack.

Full text of the Truphatek warranty and further information about Truphatek products are available on our website www.truphatek.com or through our Customer Service desk at helpdesk@truphatek.com.

Note: Truphatek™, Tru-MR™ and fibreClip™ are trademarks of Truphatek International Ltd. and are not to be used without prior written permission. Registered patents cover Tru_MR™ and fibreClip™ designs.



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