C-MAC® S Video Laryngoscope 2.0
and Laryngobloc Cold Light Laryngoscope
A single-use solution for every application
C-MAC® S Video Laryngoscope 2.0

Convinced by the familiar benefits of the reusable C-MAC® video laryngoscopes, great value was also attached to maintaining the original MACINTOSH shape for the C-MAC® S video laryngoscopes for single use. Furthermore, the D-BLADE is also available as a C-MAC® S model. As a camera, the Imager forms the interface to the C-MAC® monitor and enables blades to be exchanged within seconds, thereby retaining the flexibility and mobility of the C-MAC® system. The special C-MAC® S video laryngoscope design eliminates the need for the otherwise necessary transportation and reprocessing procedures as the blade can be discarded along with the handle after use, which significantly reduces the danger of cross-contamination. The C-MAC® S video laryngoscopes are extremely robust and delivered clean packed – ready for use.
C-MAC® S Video Laryngoscope 2.0
Video laryngoscope for single use

C-MAC® S Imager:
• With new high-resolution CMOS chip
• Sheath with optimal gliding properties allows easy insertion of the video laryngoscope and hygiene-oriented handling
• Reprocessing of the imager: Suitable and validated for the following low-temperature reprocessing methods up to max. 65 °C: manual/machine cleaning and disinfection, sterilization with EtO gas; High-Level Disinfection (HLD) acc. to US standards
• Compatible with the new C-MAC® Monitor 8403 ZXK and C-HUB® II 20 2903 01
• Single-use video laryngoscopes can be exchanged within seconds

C-MAC® S Video Laryngoscope:
• Blade and handle form one continuous piece: Optimum protection against cross-contamination
• D-BLADE with short handle, optimized for difficult intubation
• Original English MACINTOSH blade shape, for direct and indirect laryngoscopy
• Sturdy plastic material which features extremely high tensile strength
• Ergonomically designed handle makes it easy to exchange video laryngoscope

Optimum protection: The reusable Imager is inserted into the C-MAC® S video laryngoscope for single use and is completely enclosed by the C-MAC® S.
C-MAC® Monitor – The Heart of the C-MAC® System

- New design, easy to clean
- System open to all C-MAC® components (backward and forward compatible)
- Connects to the C-MAC® and C-MAC® S Video Laryngoscopes, FIVE 4.0 and 5.5 as well as C-CAM® to adapt all eyepiece endoscopes
- 7” TFT wide-viewing-angle display (160°) with improved image quality
- Rapid toggling between video sources -> your “plan B” is already connected
- HDMI output for connecting an external monitor
- Image and video display on C-MAC® or external monitor
- Weighs only 1000 g
- Can be run while charging

Did you know that the C-MAC® Monitor can be connected to esophagoscopes, rhino-laryngoscopes, otoscopes, cysto-urethroscopes, etc.? “Bedside diagnostics” – take advantage of synergies and the wide range of products offered by KARL STORZ.

3Ts* – essential for safe video laryngoscopy

- TIP: Display of the blade tip for better orientation
- TARGET: Improved view of the target structure (glottis)
- TUBE: Tube can be introduced without stylet

- HDMI and USB connector
- Easy data backup from SD to USB
- Two video endoscopes can be connected simultaneously
- Toggle button for rapid switching between image sources

* Safe video laryngoscopy is only possible when the tip, target, and tube can be identified on the monitor.
Laryngobloc

The Laryngobloc is a cold light laryngoscope for single use. Thanks to its monoblock design, it features very high tensile strength. The entire laryngoscope can be discarded along with the handle. The reusable LED battery insert included with the laryngoscope can be grasped with a protective cap and features extremely bright, white light. This enables optimal illumination of the oral cavity during direct laryngoscopy. The Laryngobloc is available in various standard laryngoscope sizes and shapes as well as different handle types.

Special Features:

- Blade and handle are made from one piece so that the Laryngobloc is more robust than conventional laryngoscopes for single use
- No disposal of environmentally critical materials after each application – only the Laryngobloc incl. protective cap requires disposal
- The risk of cross-contamination is greatly reduced as all contaminated parts can be replaced
- Available in five sizes and three laryngoscope shapes (MACINTOSH, MILLER and OXFORD) as well as three handle types (standard, slimline and short)

MACINTOSH Laryngobloc

MILLER Laryngobloc

OXFORD Laryngobloc
Laryngobloc Overview

<table>
<thead>
<tr>
<th>Blade Shape</th>
<th>MACINTOSH Laryngobloc</th>
<th>MILLER Laryngobloc</th>
<th>OXFORD Laryngobloc</th>
<th>LED Battery Insert</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>4 3 2 3 2 1 0 0</td>
<td>3 2 1 0 0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Standard</td>
<td>8512 AF 8512 BF 8512 C 8530 B 8530 C - -</td>
<td>- -</td>
<td>8533 F</td>
<td>8547 HL</td>
</tr>
<tr>
<td>Slimline</td>
<td>- - - - - - - - -</td>
<td>- -</td>
<td>8530 DN 8530 EN</td>
<td>-</td>
</tr>
<tr>
<td>Short</td>
<td>8512 ASF 8512 BSF 8512 CS - -</td>
<td>- -</td>
<td>8530 DS 8530 ES</td>
<td>8533 FS</td>
</tr>
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</table>

Before use

LED battery insert is placed in the Laryngobloc. Close off the upper part of the LED battery insert with the protective cap to prevent contamination.

After use

After use, hold the protective cap firmly in order to remove the LED battery insert from the laryngoscope without contamination. The light source switches off. Reprocessing the battery insert:
The battery insert is suitable for manual cleaning and disinfection (wipe disinfection).
C-MAC® S Video Laryngoscope Components

8403 Z XK  
**C-MAC® Monitor for CMOS Endoscopes**, screen size 7" with 1280 x 800 pixel resolution, two camera inputs, a USB and a HDMI port, optimized user interface, video and image capturing in real time on SD card, playback of recorded video clips and still images, data transfer from SD card to USB flash drive possible, splash-proof according to IP54, suitable for wipe disinfection, shock-resistant ABS plastic housing, intelligent power management with rechargeable Li-Ion batteries, VESA 75 mounting option, power adaptor for EU, UK, USA and Australia, power supply 110-240 VAC, 50/60 Hz, for use with CMOS video endoscopes

8403 XS  
**C-MAC® S Imager**, for manual and machine disinfection up to 65 °C and High Level Disinfection (HLD) acc. to US standards, for use with C-MAC® Monitor 8403 ZX and single-use C-MAC® S Video Laryngoscopes 051113-10, 051114-10 and 051116-10

051113-10*  
**C-MAC® S Video Laryngoscope MAC #3**, with MACINTOSH laryngoscope blade, size 3, for single use, package of 10, for use with C-MAC® S Imager 8402 XS/8403 XS and C-MAC® Monitor 8403 ZX

051114-10*  
**C-MAC® S Video Laryngoscope MAC #4**, with MACINTOSH laryngoscope blade, size 4, for single use, package of 10, for use with C-MAC® S Imager 8402 XS/8403 XS and C-MAC® Monitor 8403 ZX

051116-10*  
**C-MAC® S Video Laryngoscope D-BLADE**, with laryngoscope blade for difficult intubation, for single use, package of 10, for use with C-MAC® S Imager 8402 XS/8403 XS and C-MAC® Monitor 8403 ZX
### Selection of Laryngobloc Components

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8512 AF</td>
<td><strong>MACINTOSH Laryngobloc</strong>, size 4, for single use, clean packed, material: polypropylene, handle and blade in one piece, long handle, package of 20, for use with LED Battery Insert 8547 HL</td>
</tr>
<tr>
<td>8512 ASF</td>
<td><strong>Same</strong>, short handle, for use with LED Battery Insert 8547 HS</td>
</tr>
<tr>
<td>8530 B</td>
<td><strong>MILLER Laryngobloc</strong>, size 3, for single use, clean packed, material: polypropylene, handle and blade in one piece, long handle, package of 20, for use with LED Battery Insert 8547 HL</td>
</tr>
<tr>
<td>8530 DN</td>
<td><strong>Same</strong>, size 1, slender, slender handle, for use with LED Battery Insert 8547 HN</td>
</tr>
<tr>
<td>8530 DS</td>
<td><strong>Same</strong>, size 1, short, short handle, for use with LED Battery Insert 8547 HS</td>
</tr>
<tr>
<td>8533 F</td>
<td><strong>OXFORD Laryngobloc</strong>, size 0, for single use, clean packed, material: polypropylene, handle and blade in one piece, long handle, package of 20, for use with LED Battery Insert 8547 HL</td>
</tr>
<tr>
<td>8533 FS</td>
<td><strong>Same</strong>, short, short handle, for use with LED Battery Insert 8547 HS</td>
</tr>
</tbody>
</table>
8547 HL  **LED Battery Insert**, long, reusable, for Laryngobloc with long handle, with 2 batteries LR06 1.5V AA, for use with MACINTOSH Laryngobloc 8512 A/B/C, OXFORD Laryngobloc, 8533 F size 0, MILLER Laryngobloc 8530 D/E and Battery 121306 KS

8547 HN  **LED Battery Insert**, slimline, reusable, for Laryngobloc with slender handle, with 2 batteries LR06 1.5V AA, for use with slender MILLER Laryngobloc 8530 DN/EN and Battery 121306 KS

8547 HS  **LED Battery Insert**, short, reusable, for Laryngobloc with short handle, with 1 battery LR06 1.5V AA, for use with short MACINTOSH Laryngobloc 8512 AS/BS/CS, short OXFORD Laryngobloc 8533 FS, short MILLER Laryngobloc 8530 DS/ES and Battery 121306 KS
Yes, I am interested in the single-use laryngoscopes. Please send me an offer for:

- C-MAC® S Video Laryngoscope
- Laryngobloc

Please ask your sales representative to contact me.

Name, title
Phone
Hospital, department
Fax
Address

E-Mail

Date
Signature

It is recommended to check the suitability of the product for the intended procedure prior to use.