

# Highlights 2016

2016 Edition, Quarter 4



## Anesthesiology and Emergency Medicine

**STORZ**  
KARL STORZ — ENDOSKOPE








## C-MAC<sup>®</sup> S – The Video Laryngoscope for Single Use that Meets the Highest Hygiene Standards

The C-MAC<sup>®</sup> S video laryngoscope has the same outstanding features and all the familiar benefits of the reusable C-MAC<sup>®</sup> video laryngoscopes while meeting the highest hygiene standards. In contrast to other video laryngoscopes for single use, the blade and handle form one continuous piece which significantly reduces the danger of cross-contamination, even in the case of high-risk patients. The ergonomically designed imager can be reprocessed at temperatures up to 65 °C and thus completes the hygiene chain. In line with ISO 7376 standards, the C-MAC<sup>®</sup> S video laryngoscope features high tensile strength and is extremely robust.

### Special Features:

- Blade and handle form one continuous piece: Optimum protection against infections
- Imager can be reprocessed with HLD and with mechanical cleaning up to 65 °C
- Three blade types: MACINTOSH #3, #4 and D-BLADE with short handle
- Extremely sturdy plastic material with high tensile strength
- Compatible with C-MAC<sup>®</sup> III Monitor and C-HUB<sup>®</sup> II
- Ergonomic handle and Imager

- 8403 ZXK **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 including:  
**Protection Cap**  
**VESA 75 Quick Clip**  
**Mains Adaptor Set**
- 8403 XS **C-MAC® S Imager**, for C-MAC® Monitor 8403 ZX, suitable for manual and machine disinfection up to 65 °C and High Level Disinfection (HLD) acc. to US standards, for use with 8403 ZX C-MAC® Monitor, 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 KARL STORZ 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 KARL STORZ 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 KARL STORZ C-MAC® S Imager 8402 XS/8403 XS and C-MAC® Monitor 8403 ZX



## C-MAC<sup>®</sup> Video Laryngoscope

### We define the premium class

When KARL STORZ decides to update its highly successful C-MAC<sup>®</sup> product line with the fifth generation of video laryngoscopes, customers can rest assured that this will involve more than just superficial updates to the existing chip technology. The outstanding feature of the latest C-MAC<sup>®</sup> platform generation is its universal C-MAC<sup>®</sup> system interface. The end result is a new system that is even more flexible and offers the user numerous options for airway management.

#### Special Features:

- New standard in image quality thanks to more than 70 years of experience
- Reprocessing possible up to 93 °C – the C-MAC<sup>®</sup> video laryngoscope sets new standards
- Universal C-MAC<sup>®</sup> system interface specially adapted to airway management
- The highest ergonomic requirements – specially designed and shortened handle
- Robust and lightweight: High stability and resistance to impact; light metal construction
- One-button control with BlueButton for documentation

- 8403 HX **C-MAC® Video Laryngoscope D-BLADE**, CMOS technology, for difficult intubation in adults, with C-MAC® system interface, documentation of images and video sequences via BlueButton, with catheter introduction sizes 16-18 Fr., for use with C-MAC® Connecting Cable 8403 X for C-MAC® Monitor 8403 ZXK or C-HUB® II 20 2903 01 as well as C-MAC® PM 8403 XD
- 8403 HXP **C-MAC® Pediatric Video Laryngoscope D-BLADE**, CMOS technology, for difficult intubation in children, with C-MAC® system interface, documentation of images and video sequences via BlueButton, for use with C-MAC® Connecting Cable 8403 X for C-MAC® Monitor 8403 ZXK or C-HUB® II 20 2903 01 as well as C-MAC® PM 8403 XD
- 8403 AX **C-MAC® Video Laryngoscope MAC #3**, CMOS technology, with MACINTOSH laryngoscope blade, size 3, with C-MAC® system interface, documentation of images and video sequences via BlueButton, with catheter introduction sizes 14-16 Fr., for use with C-MAC® Connecting Cable 8403 X for C-MAC® Monitor 8403 ZXK or C-HUB® II 20 2903 01 as well as C-MAC® PM 8403 XD
- 8403 AXC **C-MAC® Video Laryngoscope MAC #3**, CMOS technology, with MACINTOSH laryngoscope blade, size 3, with C-MAC® system interface, documentation of images and video sequences via BlueButton, for use with C-MAC® Connecting Cable 8403 X for C-MAC® Monitor 8403 ZXK or C-HUB® II 20 2903 01 as well as C-MAC® PM 8403 XD
- 8403 BX **C-MAC® Video Laryngoscope MAC #4**, CMOS technology, with MACINTOSH laryngoscope blade, size 4, with C-MAC® system interface, documentation of images and video sequences via BlueButton, with catheter introduction sizes 16-18 Fr., for use with C-MAC® Connecting Cable 8403 X for C-MAC® Monitor 8403 ZXK or C-HUB® II 20 2903 01 as well as C-MAC® PM 8403 XD
- 8403 BXC **C-MAC® Video Laryngoscope MAC #4**, CMOS technology, with MACINTOSH laryngoscope blade, size 4, with C-MAC® system interface, documentation of images and video sequences via BlueButton, for use with C-MAC® Connecting Cable 8403 X for C-MAC® Monitor 8403 ZXK or C-HUB® II 20 2903 01 as well as C-MAC® PM 8403 XD
- 8403 KXC **C-MAC® Video Laryngoscope MAC #2**, CMOS technology, with MACINTOSH laryngoscope blade, size 2, with C-MAC® system interface, documentation of images and video sequences via BlueButton, for use with C-MAC® Connecting Cable 8403 X for C-MAC® Monitor 8403 ZXK or C-HUB® II 20 2903 01 as well as C-MAC® PM 8403 XD
- 8403 ZXK **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 including:  
**Protection Cap**  
**VESA 75 Quick Clip**  
**Mains Adaptor Set**
- 8403 X **C-MAC® Connecting Cable**, with C-MAC® system interface, for C-MAC® Monitor 8403 ZXK or C-HUB® II 20 2903 01, length 200 cm, for use with C-MAC® Video Laryngoscope 8403 xxx



## C-MAC® PM – Pocket Monitor

The C-MAC® PM is as easy to handle as a direct laryngoscope but offers all the advantages of video laryngoscopy. The robust and practical C-MAC® PM is ideal for prehospital use. The OTI display allows easy handling and is ready for use without delay. Quality is assured as the C-MAC® Pocket Monitor provides real-time documentation of images and video sequences. The Pocket Monitor was specially developed for prehospital and clinical emergency situations; its 3.5" monitor can display a high-contrast image, even in bright daylight. It can be used with all endoscopes with a C-MAC® system interface and therefore ideally complements the C-MAC® system.

### Special Features:

- 3.5" OTI display with wide viewing angle of 160°
- High-contrast images, even in bright daylight; completely waterproof (IPX8)
- Real-time documentation with the BlueButton for quality assurance
- Exchangeable and rechargeable battery pack – uninterrupted readiness
- Meets the high standards of emergency medicine (DO-160 F)
- Universal C-MAC® system interface, specially adapted to your airway management

- 8403 XDK **C-MAC® Pocket Monitor Set**, unit with LCD monitor and power supply for all C-MAC® video laryngoscopes, with C-MAC® system interface, screen size 3.5", documentation of images and video sequences saved on internal memory, monitor movable via two rotation axes, rechargeable Li-Ion battery, 1 h operation time, exchangeable battery pack, 2 h charging time, power management with capacity indicator, protection class IPX8, for use with C-MAC® Video Laryngoscopes 8403 xxx including:
- C-MAC® Pocket Monitor**  
**Battery, rechargeable**  
**USB Data Cable**
- 8403 XDA **Battery**, rechargeable Li-Ion battery for power supply of C-MAC® PM 8403 XD, charging via Charging Unit 8403 XDL, optimal operation time of 60 min, suitable for wipe disinfection
- 8403 XDL **Charging Unit**, for one rechargeable battery 8403 XDA for C-MAC® Pocket Monitor 8403 XD, with power supply and mains adaptor for EU, UK, USA and AUS, power supply 100-240 VAC, 50/60 Hz, suitable for wipe disinfection, for use with battery for C-MAC® PM, rechargeable 8403 XDA
- 8403 XDD **USB Data Cable for C-MAC® PM (8403 XD)**, can be connected to a computer, data transfer from C-MAC® PM 8403 XD to a computer, with USB 2.0 port, length 200 cm, for use with C-MAC® PM 8403 XD
- 8403 XDP **C-MAC® PM Connecting Cable**, for connecting C-MAC® PM 8403 XD to C-MAC® Video Laryngoscope 8403xxx (C-MAC® system interface), length 50 cm, for the transmission of digital signals, for use with C-MAC® PM 8403 XD and C-MAC® Video Laryngoscope 8403xxx

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



THE DIAMOND STANDARD

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