




# Highlights 2020

Anesthesiology and Emergency Medicine



## Airway Management Solutions

	Video Laryngoscopy	Flexible Endoscopy
Single-Use	<p>C-MAC® S Video Laryngoscopes</p> 	<p>FIVE S 3.5</p> 
Reusable		<p>FIVE 6.5</p> 

### Versatility

Airway management is not confined to a specific location. In ORs, emergency rooms, intensive care units through to prehospital emergency settings, medical practitioners are often confronted with the challenges of a difficult airway. KARL STORZ offers mobile and optimal solutions for managing difficult airway situations wherever and whenever they occur.

### Solutions to meet your needs

Single-use or reusable? KARL STORZ provides solutions that meet specific customer needs in airway management. The C-MAC® system is thereby the ideal platform.

Semiflexible Endoscopy

C-MAC® VS



## For the greatest challenges

Spinal injuries, trauma patients, maxillofacial injuries – you can count on KARL STORZ to help you master the most difficult airway situations. We are the only company to offer such a comprehensive range of endoscopic solutions for difficult airway management.



## The New C-MAC® FIVE S

Excellent image quality for the most exacting requirements – the premium class in single-use endoscopy

The new single-use FIVE S (Flexible Intubation Videoendoscope) from KARL STORZ offers a single-use solution that is impressive in every respect. Its compatibility to the multifunctional C-MAC® monitor and the excellent image quality of the FIVE product family allows the new FIVE S to be perfectly integrated into the existing C-MAC® system.

- Together with the C-MAC® S video laryngoscopes, the C-MAC® system is now a complete single-use platform with impressive image quality
- Optimal maneuverability thanks to the special, ergonomic sheath design with outstanding rigidity
- Exceptionally good gliding properties, particularly when using the endotracheal tube
- Sterile packaging ensures constant availability
- Workflows gain flexibility and speed as they no longer need to be adapted to product availability

- 091361-06\* **Flexible Intubation Videoendoscope 3.5 x 65**, direction of view 0°, angle of view 90°, working length 65 cm, outer diameter 3.5 mm, working channel diameter 1.2 mm, deflection up/down 180°/180°, sterile, for single use, package of 6, for use with E-BOX TP012 STERILE 
- 091261-06\* **Flexible Intubation Videoendoscope 3.0 x 65**, direction of view 0°, angle of view 90°, working length 65 cm, outer diameter 2.9 mm, working channel diameter 1.2 mm, deflection up/down 180°/180°, sterile, for single use, package of 6, for use with E-BOX TP012 STERILE 
- 091251-06\* **Flexible Intubation Videoendoscope 3.0 x 52**, direction of view 0°, angle of view 90°, working length 52 cm, outer diameter 2.9 mm, working channel diameter 1.2 mm, deflection up/down 180°/180°, sterile, for single use, package of 6, for use with E-BOX TP012 STERILE 
- TP012 **E-BOX**, for flexible videoendoscopes (8-pin) for single use, compatible with C-MAC® Monitor 8403ZXK and C-HUB® II 20290320
- 8403ZXK **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 capture 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:  
**SD Card Ultra**, 16 GB  
**Protection Cap**  
**VESA 75 Quick Clip**  
**Mains Adaptor Set**



## The New C-MAC® FIVE 6.5 Designed for the Intensive Care Unit

### Good hold with powerful suction

The new FIVE 6.5 (Flexible Intubation Videoendoscope) was specially developed for use in the intensive care unit. It is suitable for applications such as airway inspection and the suction of bronchial mucus as well as foreign body removal and biopsies. Its compatibility to the multifunctional C-MAC® monitor and the excellent image quality of the FIVE product family allows the new FIVE 6.5 for the intensive care unit to be perfectly integrated into the existing C-MAC® system.

- Possible to switch to an alternative endoscope within seconds:  
Plan B is always at the ready
- Large working channel of 3 mm
- Ergonomic design for optimal maneuverability
- Acoustic and tactile zero position control
- Exceptional user performance
- Completely mobile, compact and space-saving, particularly in the intensive care unit

11304BCXK **Flexible Intubation Videoendoscope Set 6.5 x 65**, CMOS technology, with suction valve, direction of view 0°, angle of view 100°, working length 65 cm, total length 94 cm, working channel inner diameter 3 mm, distal tip outer diameter 6.5 mm, deflection up/down 180°/140°, for use with C-MAC® Monitor 8403ZXK and C-HUB® II 20290301

including:

**Flexible Intubation Videoendoscope 6.5 x 65**

**Case**

**Pressure Compensation Cap**

**Leakage Tester**

**Tube Holder**

**Cleaning Brush**

**2x Irrigation Adaptors**

**Suction Valve**

**Bronchoscope Insertion Tube**, size 4, sterile

**Bronchoscope Insertion Tube**, size 2, sterile

**Plug**

**Protection Cap**

**Protective Film**

8403ZXK **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 capture 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:

**SD Card Ultra**, 16 GB

**Protection Cap**

**VESA 75 Quick Clip**

**Mains Adaptor Set**




## C-MAC<sup>®</sup> S – The Video Laryngoscope for Single Use

The C-MAC<sup>®</sup> S video laryngoscope impresses with 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 cross-contamination
- 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, C-MAC<sup>®</sup> PM II and C-HUB<sup>®</sup> II
- Ergonomic handle and IMAGER



- 8403XSI **C-MAC® S IMAGER**, with C-MAC® system interface, for manual and machine disinfection up to 65 °C and High Level Disinfection (HLD) acc. to US standards, for use with C-MAC® Connecting Cable 8403X, C-MAC® Monitor 8403ZX, C-MAC® PM 8403XD or C-HUB® II 20290301 and single-use C-MAC® S Video Laryngoscopes 051113-10, 051114-10, 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 8403XS or 8403XSI 
- 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 8403XS or 8403XSI 
- 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 8403XS or 8403XSI 
- 8403XDK **C-MAC® PM 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 8403xxx including:  
**C-MAC® PM Battery**, rechargeable  
**USB Data Cable**  
**Protection Cap**, for reprocessing
- 8403XDL **Charging Unit**, for one rechargeable battery for C-MAC® PM, 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 8403XDA and C-MAC® PM 8403XD
- 8403XDA **Battery**, rechargeable Li-Ion battery for power supply of C-MAC® PM 8403XD, charging via Charging Unit 8403XDL, optimal operation time of 60 min, suitable for wipe disinfection
- 8401DS **C-MAC® GUIDE**, guide rod made of stainless steel with atraumatic tip, distal region is adapted to the blade shape of the C-MAC® video laryngoscope D-BLADE, fixation of endotracheal tube with the integrated tube holder possible, package of 10, for use with C-MAC® video laryngoscopes
- 809125 **MAGILL Forceps**, modified, length 25 cm, suitable for endoscopic foreign body removal, for use with video laryngoscopes sizes 2-4

## Notes

A large grid of small plus signs (+) arranged in approximately 30 rows and 30 columns, intended for taking notes.

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



# 75 Years

*Shaping the Future  
of Endoscopy with you*

**STORZ**  
KARL STORZ—ENDOSKOPE

THE DIAMOND STANDARD

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