

**STORZ**  
KARL STORZ — ENDOSKOPE

ENDOWORLD®



# C-MAC® HD for Neonates and Pediatrics

**C-MAC® HD**  
CHOICE CHANGES EVERYTHING



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# Choice Changes Everything

## When looking for solutions that fit...

Children are not small adults. Anatomical and physiological differences between infants, children and adults make even the normal pediatric airway difficult for the inexperienced intubator. Adequate experience as well as the right instrument is needed for airway management in the pediatric population.

We are excited to introduce the next-generation 8404 C-MAC® HD platform. This is the first TRUE HD video intubation system available in the marketplace! The C-MAC® HD Monitor and 8404 series HD video laryngoscopes are the newest additions to the most versatile video intubation platform available today. The first TRUE HD Video Laryngoscope Platform, the new monitor is backward and forward compatible with all new and existing C-MAC® HD video laryngoscopes and flexible video endoscopes.

No matter if it is a routine, anticipated difficult, or unanticipated difficult intubation – the intubation instruments from KARL STORZ offer the right solution to the daily challenges encountered in airway management.

Five different blades are now available for video laryngoscopy in pediatrics and neonatology: MILLER 0 and 1, MACINTOSH 0 and 2 and the pediatric D-BLADE. The latter was especially designed for managing difficult airways in children and closes the gap between MACINTOSH video laryngoscopes and flexible endoscopes.

The C-MAC® HD Monitor, which allows the simultaneous connection of several endoscopes, offers the possibility to plan and execute intubation with one central system.

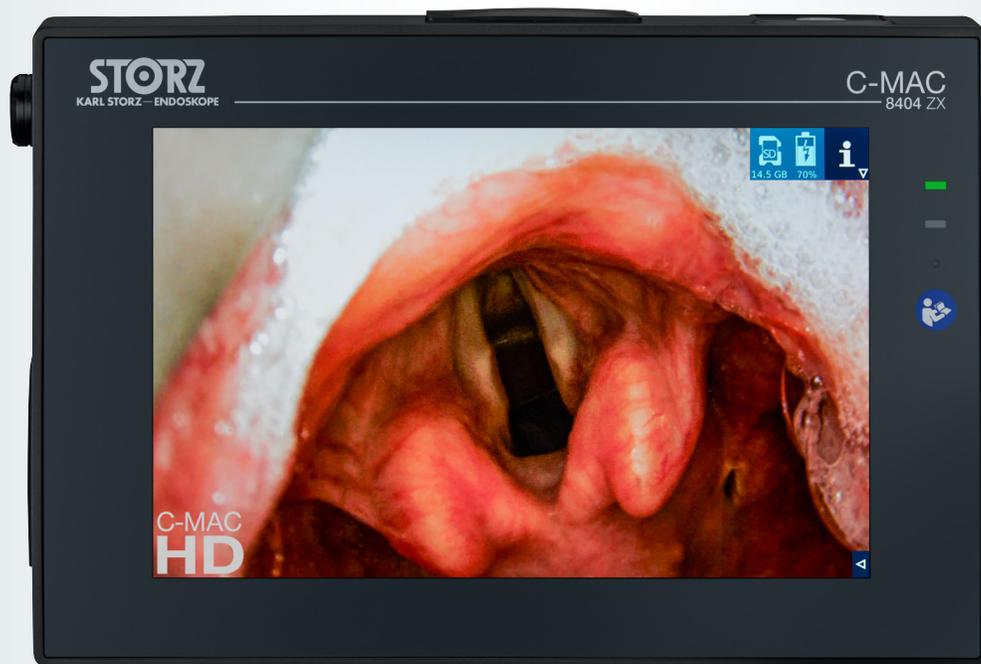


# The C-MAC<sup>®</sup> HD Monitor

## You Choose Clearer Visualization

The C-MAC<sup>®</sup> HD Monitor combines high performance with a simple and intuitive interface. The interactive FULL HD touchscreen can be used while wearing surgical gloves so you won't miss a beat. Switch between Picture-in-Picture and Side-by-Side modes for the best clinical vantage. To save video, choose from Click-to-Record, or Auto-Record, depending

on preference and need. An integrated microphone lets you record audio comments to your videos, and a built-in timer keeps track of patient monitoring and intubation time for training purposes. Best of all, the C-MAC<sup>®</sup> HD Monitor accepts both single-use and reusable devices.



# THE C-MAC® HD VIDEO LARYNGOSCOPE FOR PEDIATRICS

## Large selection for small patients

With full HD (800p\*) capability, our pediatric laryngoscope makes even the smallest airways seem cavernous. Designed for speed and efficiency, these video laryngoscopes offer quick plug-and-play connection with the C-MAC® HD monitor. The new lightweight titanium handle offers excellent impact resistance,

and the improved telescope mount is designed to promote safety.

Protect yourself and others: maintain your distance with the C-MAC® HD video laryngoscope, and experience the ultimate in intubation visualization.

\*with Monitor 8404ZXK only



8404ZXK

**C-MAC® HD Monitor for CMOS Endoscopes,** screen size 8" with 1920 x 1200 pixel resolution, two camera inputs, a USB and HDMI port, optimized user interface with touch screen, 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, mains adaptor for use with CMOS video endoscopes



8404EXC

**C-MAC® HD Video Laryngoscope MAC #0** CMOS technology, with MACINTOSH laryngoscope blade, size 0, with C-MAC® system interface, documentation of images and video sequences via the BlueButton, for use with C-MAC® Connecting Cable 8403X for C-MAC® Monitor 8403ZXK, 8404ZXK and C-MAC® PM 8403XD



8404HXP

**C-MAC® HD Video Laryngoscope D-BLADE, Ped.** CMOS technology, for difficult intubation in children, with C-MAC® system interface, documentation of images and video sequences via the BlueButton, for use with C-MAC® Connecting Cable 8403X for C-MAC® Monitor 8403ZXK, 8404ZXK and C-MAC® PM 8403X



8404DXC

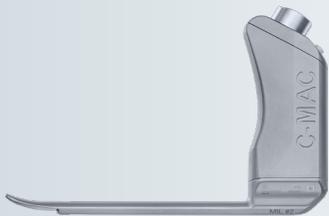
**C-MAC® HD Video Laryngoscope MIL #0,** CMOS technology, with MILLER laryngoscope blade, size 0, with C-MAC® system interface, documentation of images and video sequences via BlueButton, for use with C-MAC® Connecting Cable 8403X for C-MAC® Monitor 8403ZXK, 8404ZXK and C-MAC® PM 8403XD

# THE C-MAC® HD VIDEO LARYNGOSCOPE FOR PEDIATRICS *(Cont'd)*



8404GXCX

**C-MAC® HD Video Laryngoscope MIL #1,**  
CMOS technology, with MILLER laryngoscope blade, size 1,  
with C-MAC® system interface, documentation of images  
and video sequences via BlueButton, for use with C-MAC®  
Connecting Cable 8403X for C-MAC® Monitor 8403ZXX,  
8404ZXX and C-MAC® PM 8403XD



8404MXC

**C-MAC® HD Video Laryngoscope MIL #2,**  
CMOS technology, with MILLER laryngoscope blade,  
size 2, with C-MAC® system interface, documentation of  
images and video sequences via BlueButton, for use with  
C-MAC® Connecting Cable 8403X for C-MAC® Monitor  
8403ZXX, 8404ZXX and C-MAC® PM 8403XD



8404 EXC

**C-MAC® HD Video Laryngoscope MAC #0,**  
CMOS technology, with MACINTOSH laryngoscope blade,  
size 0, with C-MAC® system interface, documentation of  
images and video sequences via BlueButton, for use with  
C-MAC® Connecting Cable 8403X for C-MAC® Monitor  
8403ZXX, 8404ZXX and C-MAC® PM 8403XD



8404 KXC

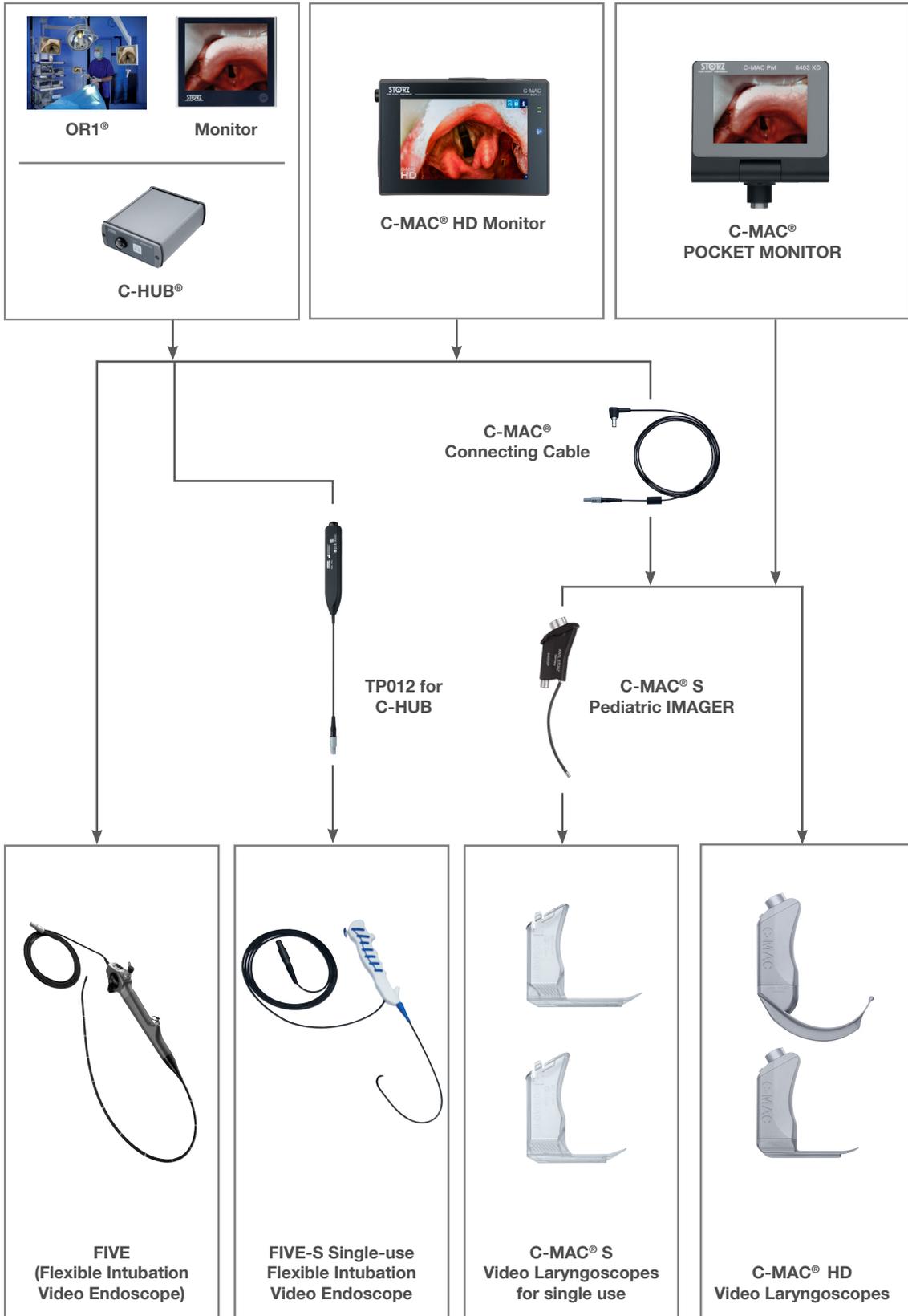
**C-MAC® HD Video Laryngoscope MAC #2,**  
CMOS technology, with MACINTOSH laryngoscope blade,  
size 2, with C-MAC® system interface, documentation of  
images and video sequences via BlueButton, for use with  
C-MAC® Connecting Cable 8403X for C-MAC® Monitor  
8403ZXX, 8404ZXX and C-MAC® PM 8403XD



8403X

**Video Connecting Cable**

# The C-MAC® System – Simplicity with Connectivity Choice Changes Everything



# The C-MAC<sup>®</sup> Pocket Monitor

## You Choose Portability

The C-MAC PM (Pocket Monitor) delivers full-scale performance in a pint-sized package. Ready at a moment's notice, the 3.5-inch display automatically turns on as soon as you flip it open. The wide 160° viewing angle provides high contrast even in bright daylight. Rugged enough for the most demanding pre-hospital settings, the lightweight and portable

unit is completely watertight (IPX8) and runs from a rechargeable battery that's easy to swap out as needed. The universal C-MAC interface ensures broad compatibility, and an optional extension cable provides even greater freedom of movement. Real-time documentation supports your quality assurance efforts.



# C-MAC® POCKET MONITOR SYSTEM COMPONENTS



**OTI® (Open To Intubate) Display**  
The video laryngoscopes are ready for immediate use after starting the monitor



**Real-time Documentation for Quality Assurance**  
BlueButton enables images and videos to be recorded to internal memory and retrieved via the USB data cable



**Intelligent Battery Management**  
Uninterrupted readiness at no extra cost thanks to exchangeable and rechargeable battery



**C-MAC HD Video Laryngoscope D-BLADE for Pediatrics**  
We raise your standards – Visualization of intubation in HD (800p)



8403XDK

**Pocket Monitor Set:**

- 8403XD Pocket Monitor
- 8403XDZ Rechargeable Battery,
- 8403DXC Cover,
- 8403XDD USB Data Cable



8403XDL

**Charging Unit**, for one rechargeable battery 8403XDA for C-MAC® POCKET MONITOR 8403XD, 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



8403XDP

**C-MAC® PM Connecting Cable**, for the transmission of digital signals from C-MAC® PM 8403XD to C-MAC® Video Laryngoscopes 8403xxx (C-MAC® system interface), length 50 cm



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



8403XDC

**Pocket Monitor Protective Cover**

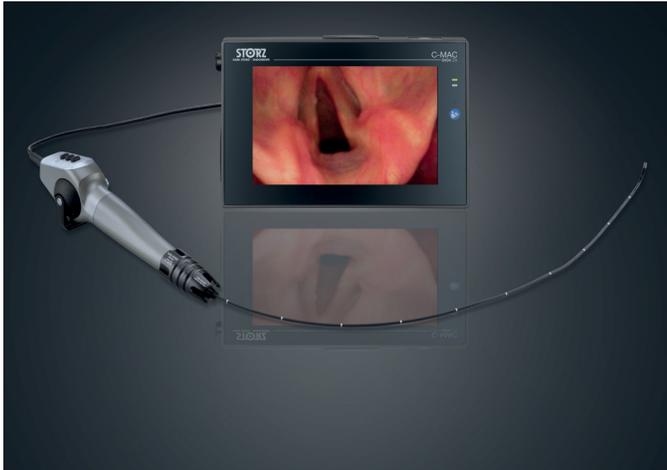


8403XDD

**USB Data Cable**, USB 2.0 port, for data transfer from C-MAC® PM 8403XD to a computer, length 200 cm

# THE GOLD STANDARD: FIVE Reusable and FIVE S Single-Use FOR THE UNEXPECTEDLY DIFFICULT AIRWAY

You Choose Quality



The 3.0 FIVE (Flexible Intubation Video Endoscope) delivers clear, pixel-free images without the distracting Moiré effect. The FIVE 3.0 has a shortened working length, specially adapted to the anatomy of pediatric and neonatal patients. The absence of a working channel makes instrument cleaning extremely fast and easy. The 2.85 mm outer diameter accommodates 3.0 mm ET tubes.



The single-use 3.5 FIVE S (Flexible Intubation Video Endoscope) from KARL STORZ offers a single-use solution that is impressive in every respect. Its compatibility to the multifunctional C-MAC® monitor allows the FIVE S to be integrated into the existing C-MAC® platform, an ideal hybrid solution when used with reusable FIVE scopes and blades.



11301ABXK

Flexible Intubation Video Endoscope Set 3.0 x 51.5, CMOS technology, for use with C-MAC® Monitor 8403Z XK and C-HUB® II 20 2903 01

Deflection up/down: 140°/140°  
Direction of view: 0°  
Angle of view: 100°  
Working length: 51.5 cm  
Total length: 72 cm  
Distal tip outer diameter: 2.85 mm



091361-06

FIVE S Flexible Intubation Video Endoscope, sterile, single-use, (pkg. of 6), requires TP012 E-Box with 8403Z XK Monitor and C-HUB

- Deflection up/down 180°/180°
- Field of View 90°
- Working length 65 cm
- OuterDiameter 3.5 mm
- Working channel 1.2 mm



11302BDXK

Flexible Intubation Video Endoscope Set 4.0 x 65, CMOS technology, with suction valve, for use with C-MAC® Monitor 8403Z XK and C-HUB® II 20 2903 01

Deflection up/down: 140°/140°  
Direction of view: 0°  
Angle of view: 100°  
Working length: 65 cm  
Total length: 93 cm  
Distal tip outer diameter: 4 mm

# THE C-MAC® S Single-Use PEDIATRIC Video Laryngoscope

The ideal solution with single-use video laryngoscope blades

Together with the C-MAC S pediatric imager, the pediatric single-use video laryngoscope blades meet the most rigorous hygiene standards. The universal C-MAC interface ensures hassle-free plug-and-play operation, while the innovative multifunction Blue Button control allows

effortless documentation. The ergonomic handle was designed for pediatric procedures, with particular focus on direct and indirect laryngoscopy with MILLER blades. And of course, C-MAC S video laryngoscopes can be exchanged within seconds.



8403XSP **C-MAC® S Pediatric IMAGER**



051110-10 **C-MAC S Video Laryngoscope MILLER #0**



051111-10 **C-MAC S Video Laryngoscope MILLER #1**



8404YD **Bag, blue, for the C-MAC® system,** made of water-resistant and sturdy material, washable, separate compartments for the monitor and three C-MAC® video laryngoscope blades



8403YES **Bag,** made of water-resistant and sturdy material, washable, separate compartments for C-MAC® video laryngoscopes with C-MAC® POCKET MONITOR and for conventional laryngoscopes, for use with C-MAC® POCKET MONITOR/8403XDK, C-MAC® Video Laryngoscopes reusable and single-use

# C-MAC® PLATINUM SERIES AIRWAY MANAGEMENT CART

## You Choose Mobility

The Platinum Carts offer multiple options to choose from for various storage needs. The Platinum Carts provide quick access to both video laryngoscopes and flexible intubation scopes, saving precious time when switching between airway devices. The smooth rolling lightweight Platinum Carts, provide storage for a comprehensive airway management platform at a great value.

**Monitor Mount:** The Platinum Cart has a VESA mounting plate for attaching the C-MAC® monitor. The Platinum Plus has a stationary VESA mount that supports up to 19.8 lbs and a VESA mount for the C-MAC® monitor.

**Two Side Holders:** Provide storage for the S-Imager or Video Stylet, which can be easily removed for cleaning.

**Six Drawers:** Lined with the same Santoprene™ material, slide smoothly, and can be locked with red cable tie tags

**Two Scope Holders:** Provide protection and storage for flexible intubation scopes. Includes a holster on the back to hold two boxes of FIVE S single-use scopes.

**Articulating Arm:** The articulating arm on the Platinum Cart allows the C-MAC® monitor to tilt up/down and pan left/right, for maximum adjustability for individual users.

**Casters:** The precision-bearing casters provide a smooth and quiet experience, with locking casters for stability when stationary.

*\* Santoprene is a registered trademark of Exxon Mobil Corp.*





XUSM0011 **PlatinumPlus Cart for Video Intubation Platform,**  
Dimensions: 18.9" (H) × 20.6" (W) × 59.9" (D)  
Weight: 127 lbs.



XUSM0012 **Platinum Cart for Video Intubation Platform,**  
Dimensions: 18.9 × 20.6 × 59.8 in. (h x w x d)  
Weight: 105 lbs.



9700VIP\* **C-MAC® VIP Pole Stand,**  
**for Video Intubation Platform,**  
Dimensions:  
Cart: 483 x 1397 x 584 mm (w x h x d)  
including:  
**Articulating Arm**  
**Two Scope Holders**  
**Power Supply Storage**  
**Two Storage Bins**

It is recommended to check the suitability of the product for the intended procedure prior to use.  
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.

# ENDOWORLD®



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