

27" FHD Medical Display

FS-A2702DS



- More screen window layouts to choose from.
- Protective corner guards for a safer work area.
- Power outputs for 5V and 12V accessories.

FS-A2702DS features a high brightness LED backlight and rich color calibration set to Rec. 709 (sRGB gamut) for Full HD medical grade image consistency. FSN's complete set of monitor features are designed specifically for presenting images from surgical endoscopic camera systems or other medical imaging devices.



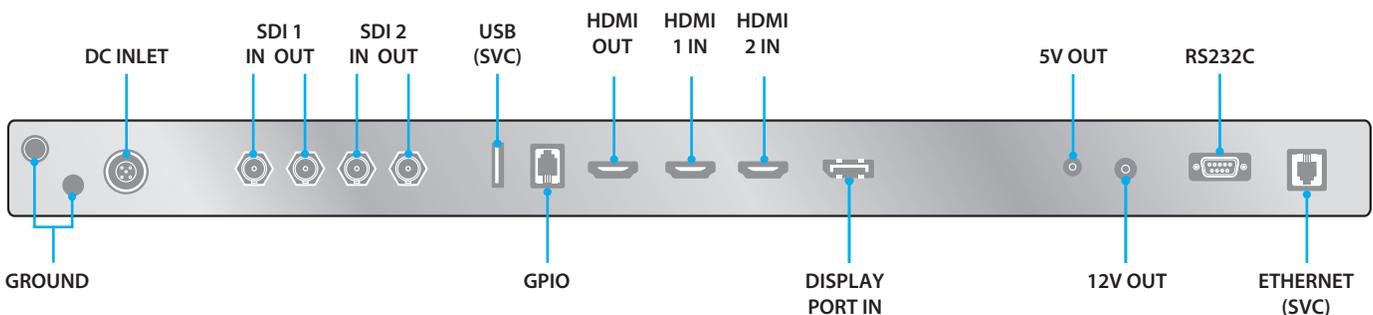
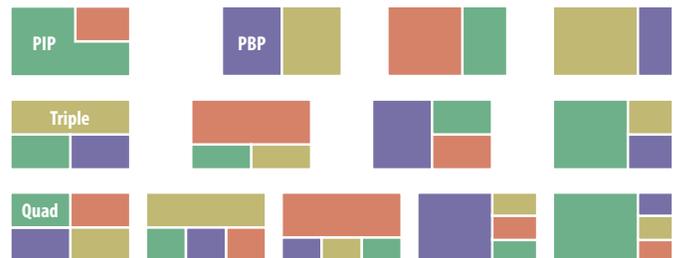
User Friendly

FS-A2702DS incorporates an intuitive, full-featured on screen menu for image and layout settings. Multi-modality options let doctors view PIP, PBP, triple, or quad images at the same time. Its lightweight design is ideal for boom or spring-arm mounting, and the convenient back cable cover helps organize and manage multiple cords.



Designed for the OR

The unique exterior of FS-A2702DS features built in rounded corner bumpers for added safety. 5V and 12V outputs are available for accessory power. Edge-to-edge front glass allows for fast disinfection and quick surgery room turnaround. Ingress protection rating of 33 helps protect internal components against solid or liquid contamination.



fsnmed.com

Foreseeson Custom Displays, Inc.
2210 E. Winston Road
Anaheim, CA 92806 USA
Tel: 714-300-0540
Fax: 714-300-0546

Latin America
Aventura, FL 33180 USA
Tel: 714-507-3855

Foreseeson Korea
B-408, U-Space2
670 Daewangpangyo-ro,
Bundang-gu, Seongnam-si
Gyeonggi-do, Republic of Korea
Tel: +82-31-8017-0780

Foreseeson GmbH
Industriestrasse 38a
63150 Heusenstamm, Germany
Tel: +49 6104 64398 0
Fax: +49 6104 64398 11

Foreseeson UK Ltd.
1 Wolsey Road
East Molesay
Surrey
KT8 9EL
United Kingdom
Tel: +44 (0) 208 546 1047

Foreseeson (Shanghai)
Medical Equipment Co., Ltd.
Room 1010, Building A
1439 Wuzhong Road
Rhein Hongjing Center
Minhang District, Shanghai, China
Tel: 18521095596

27" FHD Medical Display

FS-A2702DS



Specifications

General Features

Item	Description
Panel	■ 27 inch TFT LCD (LED) ■
Resolution	■ 1920 x 1080 pixels
Aspect Ratio	16 : 9
Active Area	597.89 (H)mm x 336.31 (V)mm
Pixel Pitch (mm)	0.3114 x 0.3114
Response Time (typical)	14 ms (gray to gray)
Number of Colors	1.07 billion
Brightness (typical)	■ 800 cd/m ²
Gamut	BT.709 calibrated
Contrast Ratio (typical)	■ 1000 : 1
Surface Treatment	Anti-reflection, anti-fingerprint
Viewing Angle (CR>10)	R/L 178°, U/D 178°
Input Signal	■ 2 x HDMI (1.4) 1 x DP (1.2) ■ 2 x SDI (3G, HD, SD)

Item	Description
Output Signal	■ 1 x HDMI (1.4) ■ 2 x SDI (3G, HD, SD)
Power Supply	AC/DC Adaptor (AC 100~240V, DC 24V/6.6A)
Power Consumption	110W max
Latency (typical)	2 ms max
Accessories Included	User manual, AC-DC adaptor, AC power cord, HDMI cable, SDI cable, Screw BH M4 x 14
Unit Dimension	673(W) x 425(H) x 75.2(D) mm 26.49(W) x 16.73(H) x 2.96(D) inch
Package Dimension	743(W) x 653(H) x 227(D) mm 29.25(W) x 25.71(H) x 8.94(D) inch
IP Rating	IP33 - overall
Weight	8.52 kg, 18.78 lbs. (monitor with cover) 13 kg, 28.66 lbs. (shipping package)
Certifications	ANSI/AAMI ES60601-1 (UL60601-1), CAN/CSA C22.2 No. 60601-1, FCC Class B, EN60601-1, EN60601-1-2, CE, MDR(EU) 2017/745 Class I ■ Medical Device

2. Įstrižainė 27 colių

1. Aukštos raiškos LED tipo monitorius

7. Signalų išvestys:
1. HDMI; 2. SDI

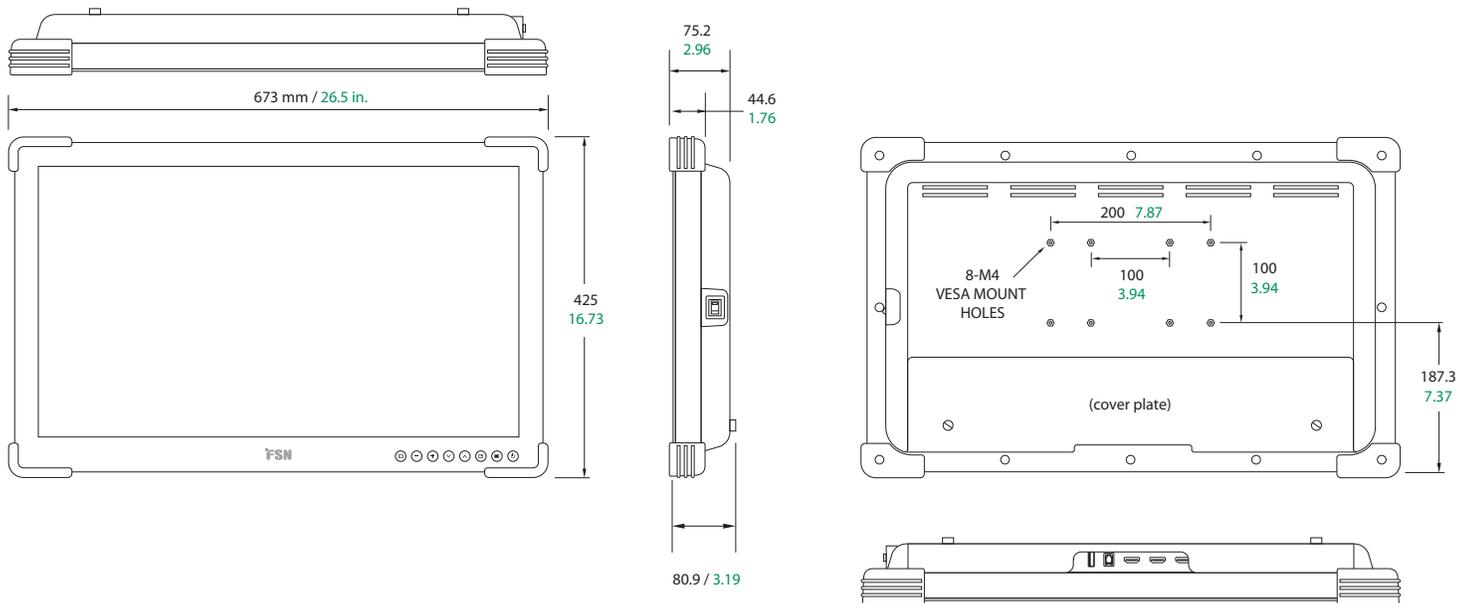
5. Raiška 1920 x 1080 taškų, formatas 16:9

4. Šviesumas 800 cd/m²

3. Kontrastas 1000 : 1

6. Signalų įvestys:
1. HDMI; 2. SDI

8. Medicininės paskirties



FSN Medical Technologies products meet EU RoHS Directive 2011/65/EU+2015/863/EU and Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) obligations. FSN manages the information flow as required by regulations.

Specifications are subject to change with or without notice. Doc. # FSN2082 Rev. 2/24

fsnmed.com

Foreeseon Custom Displays, Inc.
2210 E. Winston Road
Anaheim, CA 92806 USA
Tel: 714-300-0540
Fax: 714-300-0546

Latin America
Aventura, FL 33180 USA
Tel: 714-507-3855

Foreeseon Korea
B-408, U-Space2
670 Daewangpangyo-ro,
Bundang-gu, Seongnam-si
Gyeonggi-do, Republic of Korea
Tel: +82-31-8017-0780

Foreeseon GmbH
Industriestrasse 38a
63150 Heusenstamm, Germany
Tel: +49 6104 64398 0
Fax: +49 6104 64398 11

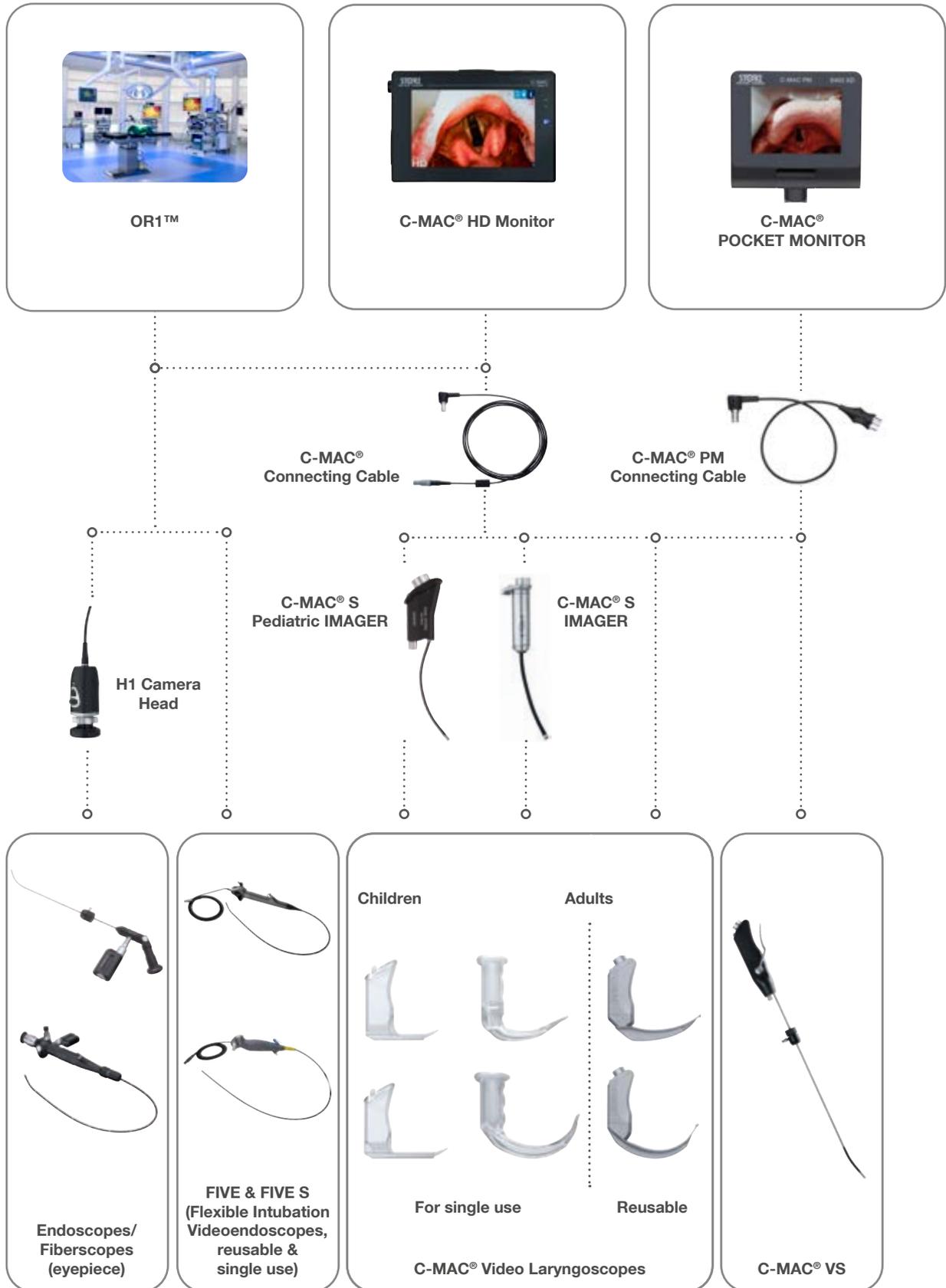
Foreeseon UK Ltd.
1 Wolsey Road
East Molesey
Surrey
KT8 9EL
United Kingdom
Tel: +44 (0) 208 546 1047

Foreeseon (Shanghai)
Medical Equipment Co., Ltd.
Room 1010, Building A
1439 Wuzhong Road
Rhein Hongjing Center
Minhang District, Shanghai, China
Tel: 18521095596

Choice changes everything!
The C-MAC® HD series



The C-MAC® system – We understand airway management!



The C-MAC® HD series

What do you expect from an ideal airway management system? What modifications can we make that would enable you to work even better with our products? How can we increase our focus on you and your patients? - Our answer: The C-MAC® HD series.

Let our C-MAC® HD video laryngoscopes and our C-MAC® HD monitor take you to the next level of high-definition imaging. Our HD visualization forms the basis for even more realistic views of the patient airway while the advanced technology of our endoscopes ensures that the quality of patient data is higher than ever before.

Discover the benefits of having two endoscopes from the C-MAC® family connected at the same time, either in the Picture-in-Picture (PiP) or Side-by-Side (SbS) mode. You can also save your images and videos in the selected mode.

Make a difference and enjoy the advantages offered by a personalized airway setting for daily routines and challenges or for the training of young physicians.

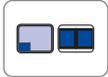
Your expertise can save lives; benefit from ours, namely, the C-MAC® HD series.



The C-MAC[®] HD Monitor: The



C-MACtouch – Interactive FULL HD touch screen that can also be used while wearing OR gloves



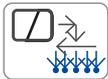
C-MACdual – Picture-in-Picture and Side-by-Side modes



C-MACrec – Choice between Click-to-Record, Auto-Record or Time-Machine mode*



C-MACmic – Integrated microphone allows audio comments to be added to your videos

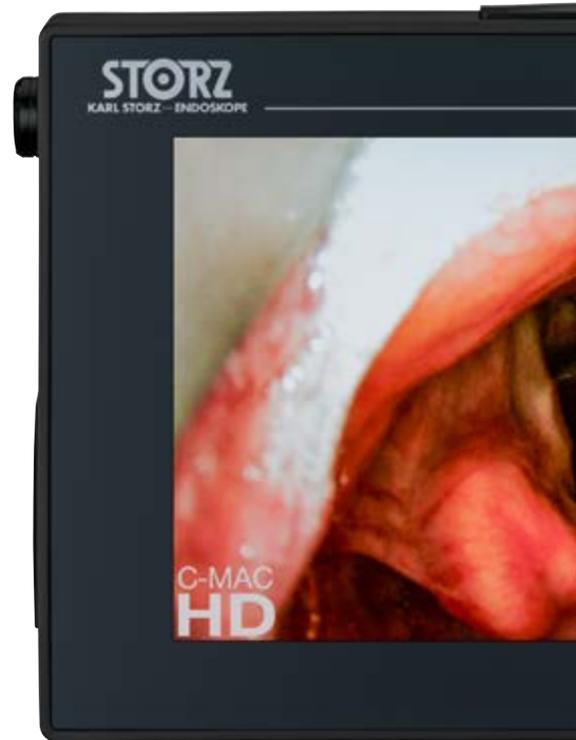


C-MACsolution – Increased diversity of visualization through maximum flexibility of single-use and reusable products

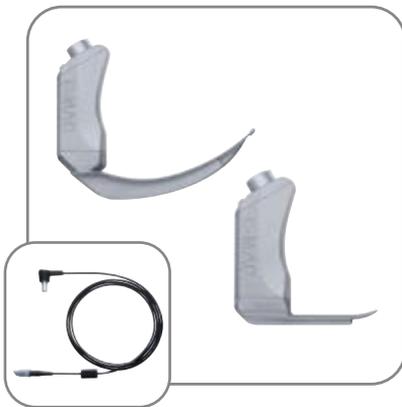


C-MACtimer – Timer for documenting intubation time for the purposes of training or studying

* Thanks to the C-MAC[®] HD monitor, when the Time Machine mode is activated and the recording button is pressed, 60 seconds of a video sequence is automatically saved before actuation.



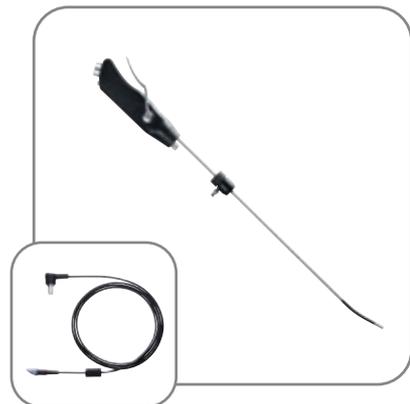
C-MAC[®] HD Video Laryngoscopes



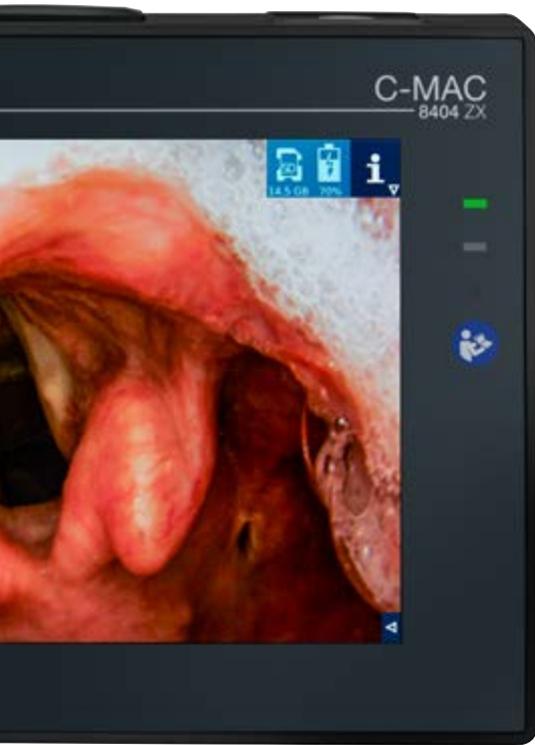
C-MAC[®] S Video Laryngoscopes



C-MAC[®] VS (Video Stylet)



Heart of the C-MAC® System



**FIVE S (Flexible Intubation
Videoendoscopes
for single use)**



**FIVE (Flexible Intubation
Videoendoscope)**



**Retromolar
Intubation Endoscopes**



Intubation Fiberscopes



The C-MAC® POCKET MONITOR: The End

- 3.5" OTI® (Open To Intubate) display with wide viewing angle (160°)
- Universal C-MAC® system interface, tailored to your airway management solutions from KARL STORZ
- High-contrast images, even in bright daylight
- Real-time documentation for quality assurance
- Exchangeable, reusable lithium-ion battery – operation time approx. 60 min with capacity indicator in the monitor, uninterrupted readiness
- Watertight (IPX8)
- Additional standard: RTCA/DO-160G
- Flexible positioning of the monitor for the intubation of difficult-to-access patients



C-MAC® HD Video Laryngoscopes

Standard MACINTOSH and MILLER video laryngoscopes for safe intubation in both direct and indirect laryngoscopy

D-BLADE and D-BLADE Ped. with strong curvature for the difficult airway



C-MAC® S Video Laryngoscopes

Single-use video laryngoscopes for minimizing the risk of cross-contamination



Emergency Tool for Time-critical Situations



C-MAC® VS (Video Stylet)

Deflectable distal tip combines the advantages of both rigid and flexible intubation endoscopes



C-MAC® PM Connecting Cable

The C-MAC® PM connecting cable enables flexible positioning of the monitor under cramped conditions

The C-MAC® HD Video Laryngoscope

For clearer visualization.

2/2/3. Rankena
pagaminta iš titano

- We raise your standards – visualization of intubation in HD (800p)*
- Lighter, better impact-resistance, more robust – with titanium handle
- When seconds count – plug & play with C-MAC® HD
- BlueButton for real-time documentation in HD*
- Added safety thanks to the improved design of the telescope mount
- Can be combined with 3rd and 4th generation C-MAC® monitors
- Protect yourself and others – maintain your distance with C-MAC® HD video laryngoscopes

* only in conjunction with Monitor 8404ZXK

C-MAC® MACINTOSH #4, #3, #2 and #0



C-MAC® MILLER #2, #1 and #0



C-MAC® D-BLADE and D-BLADE Ped.



Instrument Set



8404Z XK

C-MAC® HD Monitor for CMOS Endoscopes, screen size 8" with 1920 x 1200 pixel resolution, two camera inputs, a USB and a HDMI port, optimized user interface via touch screen, 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 compatible CMOS videoendoscopes including:

C-MAC® HD Monitor SD Card Ultra, 16 GB
Protection Cap
VESA 75 Quick Clip

4. Yra galimybė išsaugoti video vaizdus ir nuotraukas į SD tipo laikmenas

5. Yra galimybė išsaugoti video vaizdus ir nuotraukas į USB tipo laikmenas

8. Su HDMI jungtimi papildomam išoriniam monitoriui prijungti

10. Su laidu videomonitoriaus ir videolaringoskopo pleišto sujungimui

1. Ekranas skersmuo 8"

2. Raiška (1920 x 1200) taškų

3. 2 jungtys instrumentams

9. Su pakraunama ličio jonų baterija

6. Korpusas pagamintas iš smūgiams atsparaus plastiko

7. Su laikikliu pritvirtinimui prie stovo



8403X

C-MAC® Connecting Cable, with C-MAC® system interface, length 200 cm, for use with C-MAC® Monitor 8403Z XK/8404Z XK, C-HUB® II 20290301 and C-MAC® video laryngoscope series 8403/8404



8403XA

C-MAC® Extension Cable, for the transmission of analog and digital signals, dustproof according to IP50 standards (not waterproof), length 200 cm, for use with C-MAC® Monitor 8403Z XK/8404Z XK and C-HUB® II 20290301 in conjunction with all endoscopes of the KARL STORZ Office Line (8-pin instruments)



8403XDK

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 laryngoscope series 8403/8404 including:

Battery, reusable

USB Data Cable

Protection Cap, for reprocessing



809120 **MAGILL Forceps**, for children, modified, length 20 cm, for the endoscopic removal of foreign bodies, for use with video laryngoscopes of sizes 1 and 2



809125 **MAGILL Forceps**, modified, length 25 cm, for the endoscopic removal of foreign bodies, for use with video laryngoscopes of sizes 2-4

1. Macintosh tipo 4 dydžio pleištas



8404BXC **C-MAC® HD Video Laryngoscope MAC #4**, CMOS technology, with MACINTOSH laryngoscope blade, size 4, 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 8403ZXX/8404ZXX and C-MAC® PM 8403XDK

5. Su 1 mygtuku video vaizdų ir nuotraukų įrašymui

8404BX **Same**, with catheter introduction sizes 16-18 Fr.

1. Macintosh tipo 3 dydžio pleištas



8404AXC **C-MAC® HD Video Laryngoscope MAC #3**, CMOS technology, with MACINTOSH laryngoscope blade, size 3, 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 8403ZXX/8404ZXX and C-MAC® PM 8403XDK

5. Su 1 mygtuku video vaizdų ir nuotraukų įrašymui

8404AX **Same**, with catheter introduction sizes 14-16 Fr.



8404KXC **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 the BlueButton, for use with C-MAC® Connecting Cable 8403X for C-MAC® Monitor 8403ZXX/8404ZXX and C-MAC® PM 8403XDK



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 8403XDK



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 the BlueButton, for use with C-MAC® Connecting Cable 8403X for C-MAC® Monitor 8403ZXK/8404ZXK and C-MAC® PM 8403XDK



8404GXC **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 the BlueButton, for use with C-MAC® Connecting Cable 8403X for C-MAC® Monitor 8403ZXK/8404ZXK and C-MAC® PM 8403XDK



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 the BlueButton, for use with C-MAC® Connecting Cable 8403X for C-MAC® Monitor 8403ZXK/8404ZXK and C-MAC® PM 8403XDK

1. Pleištas, pritaikytas naudoti esant sunkioms intubacijos sąlygoms (D-pleišto tipo);

2. Suaugusiems



8404HX **C-MAC® HD Video Laryngoscope D-BLADE, for adults,** CMOS technology, for difficult intubation, with C-MAC® system interface, documentation of images and video sequences via the BlueButton, with catheter introduction sizes 16-18 Fr. for use with C-MAC® Connecting Cable 8403X for C-MAC® Monitor 8403ZXK/8404ZXK and C-MAC® PM 8403XDK

6. Su 1 mygtuku video vaizdų ir nuotraukų įrašymui



8404HXP **C-MAC® HD Video Laryngoscope D-BLADE Ped., pediatric,** 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 8403XDK

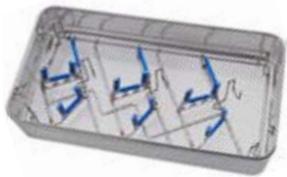


8404YA* **Rolling Stand**, for C-MAC® Monitor, height 130 cm, with five antistatic castors, cross tube connection and crossbar 250 mm, diameter 25 mm, for positioning the monitor, storage tray dimensions (w x d x h): 300 x 200 x 150 mm, with blade holder and cable winder, for use with ET11-367224 Crossbar 500 mm and ET11-367154 Crossbar 700 mm

* Please note: The instruments displayed are not delivered with the stand.



8404AKH **Wire Tray**, including blade holder for C-MAC® and cable winder, for use with standard rails 10 x 25 mm, including:
Wire Tray
Blade Holder for C-MAC®
Cable Winder



39501LC3 **Wire Tray**, for the cleaning, sterilization and storage of three C-MAC® video laryngoscope blades, with silicone holders and lid, external dimensions (w x d x h): 480 x 250 x 105 mm



8404IFH **Holder for Flexible Endoscopes**, for mounting on round profiles, including installation accessories



11301BC **ProShield Protection Tube**, for flexible telescopes, unsterile, for single use, package of 10, distal closed, for use with Holder for Flexible Endoscopes 29005IFH



11304BCXK Flexible Intubation Videoendoscope Set 6.5 x 65,

CMOS technology, with suction valve, for use with C-MAC® Monitor 8403ZXXK/8404ZXXK

Deflection up/down: 180°/140°
 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: 6.3 mm

1. Lankstus, pritaikytas naudoti atliekant intubacijas

8. Lenkimas aukštyn/žemyn: 180/140;

2. Matymo kryptis: 0

3. Matymo kampas: 100

4. Darbinis ilgis: 65 cm

5. Bendras ilgis: 94 cm

6. Darbinio kanalo vidinis skersmuo: 3 mm

7. Distalinio galiuko skersmuo 6,3 mm



11301BNXK Flexible Intubation Videoendoscope Set 5.5 x 65,

CMOS technology, with suction valve, for use with C-MAC® Monitors 8402X, 8403ZXXK/8404ZXXK

Deflection up/down: 140°/140°
 Direction of view: 0°
 Angle of view: 100°
 Working length: 65 cm
 Total length: 94 cm
 Working channel inner diameter: 2.1 mm
 Distal tip outer diameter: 5.5 mm



11302BDXK Flexible Intubation Videoendoscope Set 4.0 x 65,

CMOS technology, with suction valve, for use with C-MAC® Monitor 8403ZXXK/8404ZXXK

Deflection up/down: 140°/140°
 Direction of view: 0°
 Angle of view: 100°
 Working length: 65 cm
 Total length: 93 cm
 Working channel inner diameter: 1.5 mm
 Distal tip outer diameter: 4.0 mm



11301ABXK Flexible Intubation Videoendoscope Set 3.0 x 51.5,

CMOS technology, for use with C-MAC® Monitor 8403ZXXK/8404ZXXK

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



8.6 Funktionstasten des Endoskops

Das Endoskop ist mit drei Tasten ausgestattet, mit denen die auf dem Endoskop als Symbole dargestellten Funktionen aktiviert werden können.

Folgende Funktionen stehen zur Verfügung:

-  Videoaufnahme ⑩:
Startet bzw. beendet die Aufnahme eines Videostreams auf die in die Aufnahme ⑩ eingeschobene SD-Speicherkarte des C-MAC Monitors.

Das Video-Aufnahmesymbol erscheint während der Videoaufnahme im Live-Bild oben links.



-  Weißabgleich ⑪:
Ermöglicht es dem Benutzer, einen manuellen Weißabgleich durchzuführen. Dazu die Videoendoskopspitze auf eine weiße Fläche richten und die Taste 1 Sekunde gedrückt halten.

HINWEIS: Die Durchführung des Weißabgleichs wird bei den flexiblen Intubations-Videoendoskopen durch einen Fortschrittsbalken in der Menüleiste des C-MAC Monitors visualisiert. Der Weißabgleich kann ebenfalls über das Menü des Monitors durchgeführt werden.



-  Einzelspeicherung ⑫:
Speichert den aktuellen Bildschirm-inhalt auf die SD-Speicherkarte des C-MAC Monitors.

8.6 Function buttons of the endoscope

The endoscope is equipped with three buttons. These are used to activate the functions displayed as symbols on the endoscope.

The following functions are available:

-  Video recording ⑩: ■
Starts or stops the recording of a video stream on the SD memory card inserted in the receptacle ⑩ of the C-MAC monitor.

The video recording symbol appears in the top left-hand corner of the live image during video recording.



-  White balance ⑪: ■
Enables the user to carry out a manual white balance. To do this, point the tip of the videoscope at a white surface and press the button for 1 second.

NOTE: With the flexible intubation videoscopes, the performance of the white balance procedure is visualized by a progress bar in the menu bar. The white balance can also be performed via the C-MAC monitor menu.



-  Single image capture ⑫: ■
Saves the live image on the screen to the SD memory card of the C-MAC monitor.

8.6 Teclas de función del endoscopio

El endoscopio está equipado con tres teclas con las que pueden activarse las funciones representadas como símbolos sobre el endoscopio.

Están disponibles las siguientes funciones:



-  Grabación de vídeo ⑩:
inicia o finaliza la grabación de una secuencia de vídeo en la tarjeta de memoria SD insertada en la ranura ⑩ del monitor C-MAC.

Durante la grabación de vídeo, el icono correspondiente aparece en la parte superior izquierda de la imagen en vivo.



-  Balance de blancos ⑪:
permite al usuario efectuar un balance de blancos manual. Para ello, oriente la punta del videoendoscopio hacia una superficie blanca y mantenga pulsada la tecla durante 1 segundo.

NOTA: El proceso de ejecución del balance de blancos en el videoendoscopio flexible para intubación se visualiza por medio de una barra de progreso en la barra de menú. El balance de blancos también puede efectuarse mediante el menú del monitor.



-  Grabación de imágenes individuales ⑫:
guarda el contenido actual de la pantalla en la tarjeta de memoria SD del monitor C-MAC.

9. Video endoskopo mygtukais valdomos funkcijos:
9.1. Video vaizdų įrašymas;
9.2. Nuotraukų įrašymas;
9.3. Baltos šviesos balansas

7 Inbetriebnahme

7.1 Auspacken

⚠️ WARNUNG:

Infektionsgefahr:

- Das flexible Intubations-Videoendoskop wird nicht steril ausgeliefert und muss vor der ersten sowie vor jeder weiteren Anwendung korrekt gereinigt, desinfiziert und ggf. sterilisiert werden.

Die Lieferung auf Vollständigkeit und auf eventuelle Beschädigungen prüfen.

Sollte die Lieferung Anlass zur Reklamation geben, bitte umgehend an KARL STORZ oder den Lieferanten wenden.

7.2 Grundausstattung

Die Sets 11302 BDXK, 11301 BNXX, 11303 BNXX und 11304 BCXK bestehen aus:

- 1x Flexibles Intubations-Videoendoskop
11302 BDX 4,0 x 65 cm oder
11301 BNX 5,5 x 65 cm oder
11303 BNX 5,5 x 65 cm oder
11304 BCX 6,5 x 65 cm
- 1x Koffer
- 1x Gebrauchsanweisung
- 1x Dichtheitsprüfer 13242 XL
- 1x Druckausgleichskappe 11025 E
- 1x Absaugventileinsatz für Einmalgebrauch, Packung mit 20 Stück, 11301 CE1
- 1x Verschlusskappe für LUER-Lock-Spülanschluss, schwarz, Packung zu 10 Stück autoklavierbar, 29100
- 2x Adapter zur Reinigung des Arbeitskanals in Reinigungsmaschinen (schwarz), 11301 CD1
- 50x Reinigungsbürste
- 1x Tubushalter für Videoendoskope, 11301 CFX
- 1x Bronchoskop-Einführtubus, Größe 4, 10309
- 1x Bronchoskop-Einführtubus, Größe 2, 10310
- 1x Transportschutzfolie 13990 SFN
- 1x Schutzkappe 8403 YZ

10. Komplekte:
10.2. Slégio suvienodinimo vožtuvas;
10.3. Šandarumo matuoklis;
10.4. Šepetėlis valymui.

7 Initial operation

7.1 Unpacking

⚠️ WARNUNG:

Risk of infection:

- The flexible intubation videoscope is not sterile when delivered, and must therefore be properly cleaned, disinfected and (where applicable) sterilized prior to initial use and each subsequent reuse.

Check for missing items and evidence of shipping damage.

File any complaints immediately with KARL STORZ or the supplier.

7.2 Basic equipment

The 11302 BDXK, 11301 BNXX, 11303 BNXX and 11304 BCXK sets consist of:

- 1x Flexible intubation videoscope
11302 BDX 4.0 x 65 cm or
11301 BNX 5.5 x 65 cm or
11303 BNX 5.5 x 65 cm or
11304 BCX 6.5 x 65 cm
- 1x Case
- 1x Instruction manual
- 1x Leakage tester 13242 XL
- 1x Pressure compensation cap 11025 E
- 1x Suction valve insert for single use, pack of 20, 11301 CE1
- 1x Cap for LUER lock irrigation port, black, pack of 10, autoclavable, 29100
- 2x Adaptors for cleaning the working channel in cleaning machines (black), 11301 CD1
- 50x Cleaning brush
- 1x Tube holder for video endoscopes 11301 CFX
- 1x Bronchoscope insertion tube, size 4, 10309
- 1x Bronchoscope insertion tube, size 2, 10310
- 1x Protective film 13990 SFN
- 1x Protective cap 8403 YZ

7 Puesta en servicio

7.1 Desembalaje

⚠️ CUIDADO:

Riesgo de infección:

- El videoendoscopio flexible para intubación se entrega sin esterilizar, por lo que ha de ser correctamente limpiado, desinfectado y, si es necesario, esterilizado antes de la primera utilización, así como antes de cada aplicación ulterior.

Revise si el envío está completo y compruebe posibles deterioros.

En caso de reclamaciones, diríjase inmediatamente a KARL STORZ o al proveedor.

7.2 Equipo básico

Los sets 11302 BDXK, 11301 BNXX, 11303 BNXX y 11304 BCXK se componen de:

- 1 videoendoscopio flexible para intubación
11302 BDX 4,0 x 65 cm o
11301 BNX 5,5 x 65 cm o
11303 BNX 5,5 x 65 cm o
11304 BCX 6,5 x 65 cm
- 1 maletín
- 1 Manual de instrucciones
- 1 verificador de estanqueidad 13242 XL
- 1 tapón de compensación de presión, 11025 E
- 1 suplemento para válvula de succión, desechable, envase de 20 unidades, 11301 CE1
- 1 caperuza de cierre, para conexión de irrigación con cierre LUER, color negro, envase de 10 unidades, esterilizable en autoclave, 29100
- 2 adaptadores para limpieza del canal de trabajo en máquinas de limpieza (color negro), 11301 CD1
- 50 cepillos de limpieza
- 1 portatubos para videoendoscopios 11301 CFX
- 1 tubo de inserción para broncoscopio, tamaño 4, 10309
- 1 tubo de inserción para broncoscopio, tamaño 2, 10310
- 1 lámina de protección para transporte 13990 SFN
- 1 caperuza protectora 8403 YZ

Plastic Containers for Sterilization and Storage

of endoscopes



39403 AS



39406 AS

39403 AS **Plastic Container for Sterilization**, specially suited for gas and hydrogen peroxide (Sterrad®) sterilization and storage, perforated, with lid, for use with flexible video cysto-, rhino- and bronchoscopes, external dimensions (w x d x h): 550 x 260 x 90 mm

39406 AS **Plastic Container for Flexible Endoscopes**, specially suited for gas and hydrogen peroxide (Sterrad®) sterilization and storage, for use with one flexible endoscope, external dimensions (w x d x h): 550 x 260 x 90 mm

10. Komplekte:
10.1. Specialus konteineris video endoskopo sterilizavimui dujose;

Please note: The instruments displayed are not included in the plastic containers.

Not all products listed in this document are certified according to Directive 93/42/EEC or Regulation 2017/745/EU on medical devices. For this reason, some products that require certification according to this directive/regulation may not be available in these countries.

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.

More than
75
Years

*Shaping the Future
of Endoscopy with you*

STORZ
KARL STORZ—ENDOSKOPE
THE DIAMOND STANDARD

KARL STORZ SE & Co. KG
Dr.-Karl-Storz-Straße 34, 78532 Tuttlingen/Germany
Postbox 230, 78503 Tuttlingen/Germany
Phone: +49 7461 708-0
Fax: +49 7461 708-105
E-Mail: info@karlstorz.com
www.karlstorz.com



Video connecting cable (8403X)

1 Video unit connector

2 Monitor connector

4.2 Possible combinations

It is recommended that the suitability of the products for the intended procedure be checked prior to use. Please note that the products listed here may not yet be available in all countries due to differences in approval requirements.

The product can be combined with the following monitors:

C-MAC video laryngoscopes	Monitor
Series 8404	8403ZX (software version: 704v300 or higher)
	8404ZX
	8403XD

The series 8404 C-MAC video laryngoscopes can be combined with other monitors via the C-HUB II camera control unit (20290320) (software version: 721v105 or higher).

The product can be combined with the following catheters:

C-MAC video laryngoscopes	Blade	Catheter
Series 8404	8404AX	14 Fr.
		16 Fr.
	8404HX	16 Fr.
	8404BX	18 Fr.

4.3 Technical specifications

Designation	Value
Immersion protection	IP68
Camera technology	CMOS
Resolution	1,280 x 800 pixels
Illumination	2 x LED, white, 1 W

3/3/4. Su šviesos diodų (LED) apšvietimu

4/4/5. Kameros raiška (1280 x 800) taškų

Highlights at a Glance

The new modular COR mobile stand with a modern, sleek design was developed for interdisciplinary use in **cramped working conditions**.

Modular

The modular design of the mobile stand permits the combination of diverse components and accessories (building block system). Consequently, the COR mobile stand can be used in many disciplines and can be configured and adapted according to individual customer demands.

8. Su rankena stovui stumti

Ergonomic and compact

Thanks to its slimline design and low weight, the COR mobile stand can be easily moved and positioned thanks to the integrated ergonomic handle. This is an ideal solution for practices or rooms where space is limited.

Flexibility

The mobile stand is equipped with a wide range of accessories (drawers, shelves, wire trays etc.) as well as diverse monitors (e.g., TELE PACK+, C-MAC® monitor).

Two adjustment heights are provided to flexibly meet individual preferences and needs.

Modern design

Thanks to its modern design and construction, the COR mobile stand offers great stability despite its slim design. The cable guide integrated in the beams ensures tidy cable management and easy cable installation. The 4 dual wheels with locking brakes guarantee easy maneuvering and secure positioning.

7. Su kanalu įrangos laidams

Cleaning

The powder-coated surface and the mobile stand design allow easy cleaning and disinfection.

Quality

All components are designed with a long service life and durability in mind.

Isolation transformer/Earth leakage monitor

The COR mobile stand can also be equipped with an isolation transformer and an earth leakage monitor. These are mounted under the base module and ensure the maximum possible safety for the electrical supply of devices on the mobile stand.

6. Mobilus stovas, pritaikytas monitoriaus (1 p.) ir videomonitoriaus (2 p.) tvirtinimui;

High-End Mobile Stand

This fully-equipped solution includes a HD monitor, a C-MAC® monitor as well as video laryngoscopes, a video stylet and the FIVE S.

Furthermore, camera heads for connecting all endoscopes/fiberscopes can be safely stored in a drawer.



UG914	COR Airway Mobile Stand
UG856	C-MAC® Holder , COR mobile stand
8404AKH	Wire Tray , including blade holder for C-MAC® and cable winder
8404IFH	Holder for Flexible Endoscopes
UG813	Adaptor Set , COR mobile stand
11301BC	ProShield Protective Tube

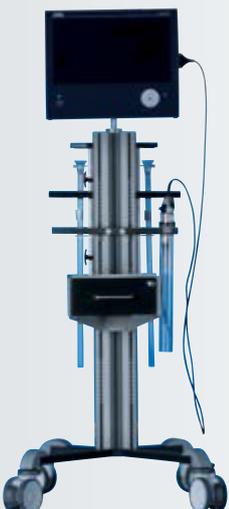
9. Su krepšiu videolaringoskopo pleištamams susidėti

10. Su laikikliu video endoskopui (3 p.)

ENT:

COR mobile stand as a mobile solution

The COR mobile stand, in conjunction with the CMOS video rhinolaryngoscope and the TELE PACK+ is especially useful for private practices, bedside examinations and outpatient settings. The stroboscope kit is compatible with the TELE PACK+ and can be safely stored in a drawer.



UG804	Subrack , COR mobile stand, high
UG811	Top Cover Monitor Holder , COR mobile stand
UG854	Stainless Steel Tube , 400 mm
UG857	Monitor Module , COR mobile stand
UG860	Drawer , narrow, COR mobile stand
UG813	Adaptor Set , COR mobile stand
8404IFH	Holder for Flexible Endoscopes
11301BC	ProShield Protective Tube
UG815	Equipment Rail , COR mobile stand
10330BC	Endoscope Holder , for 10330B
10330BE	Mount , for 10330BC/BD