

Highlights 2020

MTP Single-Use Products





The New MTP Intubation Videoendoscope FIVE S

Special Features:

- The flexible single-use videoendoscopes can be used in conjunction with the C-MAC® monitor and are thus part of the modular C-MAC® system
- CMOS chip and LED light source at the distal tip of the endoscope
- Working channel of 1.2 mm for suction, the administration of oxygen and/or a local anesthetic or the introduction of medication
- Sheath stiffness is adapted to indications in anesthesiology
- Tube fixator at the proximal end of the sheath
- Video and image capture as well as data storage via the C-MAC® monitor
- Product is sterile on delivery and is ready for immediate use

- 091361-06* **Flexible Intubation Videoendoscope 3.5 x 65**, direction of view 0°, angle of view 90°, STERILE 
 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
- 091261-06* **Flexible Intubation Videoendoscope 3.0 x 65**, direction of view 0°, angle of view 90°, STERILE 
 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
- 091251-06* **Flexible Intubation Videoendoscope 3.0 x 52**, direction of view 0°, angle of view 90°, STERILE 
 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
- 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 videoendoscopes
 including:
SD Card ULTRA, 16 GB
Protection Cap
VESA 75 Quick Clip
Mains Adaptor Set



C-MAC[®] S – The Video Laryngoscope for Single Use

The C-MAC[®] S system combines the reusable IMAGER as well as the monitor with video laryngoscopes for single use. The advantage of single-use blades over reusable blades is that the risk of cross-contamination is minimized. This effect is enhanced by the fact that the blade and handle form one continuous piece. The IMAGER features a CMOS chip as well as a LED light source that can be reprocessed at temperatures up to 65 °C.

Special Features:

- Blade and handle form one continuous piece
- For direct and indirect laryngoscopy with original MACINTOSH blade shape
- For routine clinical use and training
- Standard MACINTOSH blades in sizes 3 and 4
- Hyperangulated D-BLADE for difficult airways
- Compatible with the C-MAC[®] III monitor, C-MAC[®] PM II and C-HUB[®] II

- 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 8402XS, 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 8402XS, 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 8402XS, 8403XS or 8403XSI
- 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
- 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 Australia, 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



C-MAC[®] S – The Video Laryngoscope for Single Use for Pediatric Applications

Special Features:

- Blade and handle form one continuous piece
- For direct and indirect laryngoscopy with the original MILLER blade shape in sizes 0 and 1
- For routine clinical use and training
- For use with C-MAC[®] S Pediatric IMAGER 8403XSP in combination with C-MAC[®] PM 8403XDK or C-MAC[®] Monitor 8403ZXK with Connecting Cable 8403X

- 051110-10* **C-MAC® S Video Laryngoscope** MILLER #0, for single use, package of 10, for use with C-MAC® S Pediatric IMAGER 8403XSP 
- 051111-10* **C-MAC® S Video Laryngoscope** MILLER #1, for single use, package of 10, for use with C-MAC® S Pediatric IMAGER 8403XSP 
- 8403XSP **C-MAC® S Pediatric 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 051110-10, 051111-10
- 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
- 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 videoendoscopes including:
SD Card ULTRA, 16 GB
Protection Cap
VESA 75 Quick Clip
Mains Adaptor Set
- 8403X **C-MAC® Connecting Cable**, with C-MAC® system interface, for C-MAC® Monitor 8403ZX or C-HUB® II 20290301, length 200 cm, for use with C-MAC® Video Laryngoscopes 8403xxx



Flexible Videoendoscopes for Single Use for ENT Applications

Situations where the use of single-use endoscopes may be recommended:

- Highly infectious patients
- Clinics without in-house reprocessing departments
- Irregular use of flexible endoscopes
- Backup for reusable endoscopes

Special Features:

- The flexible single-use videoendoscopes can be used in conjunction with the C-MAC® monitor and are thus part of the modular C-MAC® system
- CMOS chip and LED light source at the distal tip of the endoscope
- Video and image capture as well as data storage via the C-MAC® monitor
- Product is sterile on delivery and is ready for immediate use

C-MAC® Monitor 8403ZX and E-BOX TP012 for use with Flexible Videoendoscopes for Single Use:

- 8403ZX **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, without mains adaptor and accessories, for use with CMOS videoendoscopes
- TP012 **E-BOX**, for flexible single-use video endoscopes (8-pin), compatible with C-MAC® Monitor 8403ZX and C-HUB® II 20290320

Flexible Videoendoscopes for Single Use:

- 091330-06* **Video Rhino-Laryngoscope**, direction of view 0°, angle of view 90°, working length 30 cm, outer diameter 3.5 mm, deflection up/down 140°/140°, sterile, for single use, package of 6, for use with E-BOX TP012
- 091370-06* **Video Esophagoscope**, direction of view 0°, angle of view 90°, working length 75 cm, outer diameter 3.5 mm, deflection up/down 210°/210°, sterile, for single use, package of 6, for use with E-BOX TP012





The Perfect Match: Custom-fit Brushes for all KARL STORZ Endoscope Sizes

The new cleaning brush range for single use

KARL STORZ offers single-use cleaning brushes that are custom-fit for all working channel lengths and diameters.

Special Features:

- All cleaning brushes feature 3 brush heads
- Cleaning brushes for working channels 1.2-1.5 mm have no brush head at the distal end to make insertion through the working channel easier
- The cleaning effectiveness/efficiency of the new KARL STORZ brush portfolio has been validated in accordance with the applicable norms and regulations for use with KARL STORZ endoscopes
- Adhesive discs for rounding wire ends

The following cleaning brushes for flexible endoscopes feature 3 proximally mounted brush elements:

Order no.	Description 	Working channel diameter	Length of brush
110930-50*	Cleaning Brush , brush diameter 1.7 mm, unsterile, for single use, package of 50	1.2-1.5 mm	90 cm
110931-50*		1.2-1.5 mm	125 cm
110932-50*		1.2-1.5 mm	200 cm

The following cleaning brushes for flexible endoscopes feature 1 distally and 2 proximally mounted brush elements:

Order no.	Description 	Working channel diameter	Length of brush
110940-50*	Cleaning Brush , with double-sided brush, brush diameter 2.6 mm, unsterile, for single use, package of 50	2.0-2.3 mm	90 cm
110941-50*		2.0-2.3 mm	120 cm
110942-50*		2.0-2.3 mm	160 cm

Order no.	Description 	Working channel diameter	Length of brush
110950-50*	Cleaning Brush , with double-sided brush, brush diameter 3.2 mm, unsterile, for single use, package of 50	2.6-3.0 mm	120 cm
110951-50*		2.6-3.0 mm	165 cm
110952-50*		2.6-3.0 mm	250 cm

Order no.	Description 	Working channel diameter	Length of brush
110960-50*	Cleaning Brush , with double-sided brush, brush diameter 4.5 mm, unsterile, for single use, package of 50	3.2-4.2 mm	140 cm
110961-50*		3.2-4.2 mm	190 cm
110962-50*		3.2-4.2 mm	230 cm

The flocked biofilm removal device cleaning brush features 3 proximally mounted elements:

Order no.	Description 	Working channel diameter	Length of brush
110920-10*	Biofilm Removal Device Cleaning Brush , flocked, unsterile, for single use, package of 10	1.2 mm	200 cm



Heatable Insufflation Tubing Set with Gas Filter for Single Use

- Integrated filament for gas heating (approx. 37 °C)
- Reduces the risk of contamination between the patient and the insufflation unit
- Filter membrane hydrophobic on both sides with filter efficiency > 99.99%
- Gas flow up to 50 l/min
- Approved for the insufflator ENDOFLATOR® 50
- Product is sterile on delivery and is ready for immediate use

031210-10* **Insufflation Tubing Set with Gas Filter**, length 300 cm, heatable, hydrophobic on both sides, sterile, for single use, package of 10, for use with ENDOFLATOR® 50



UI500 **ENDOFLATOR® 50**, with integrated SCB module, power supply 100-240 VAC, 50/60 Hz, system requirements for use with SCB-PC: SCB control NEO System with installed SCB control NEO Software Release 20090001-45 or higher



Scope Warmer for Single Use

For warming the scope for fog-free work

- Warmer activated to heat endoscope via a metal plate
- Suitable for all rigid endoscopes
- Available in two different sizes (12 x 20 cm and 12 x 36 cm)
- No other heat source (electricity, warm water, etc.) required
- Product is sterile on delivery and is ready for immediate use
- Two scopes can be heated in the warmer at the same time

100120-15* **Scope Warmer**, 12 x 20 cm, sterile, for single use,
package of 15, for use with all standard rigid endoscopes
featuring optical systems with lengths that fit into the pad



100121-10* **Scope Warmer**, 12 x 36 cm, sterile, for single use,
package of 10, for use with all standard rigid endoscopes,
featuring optical systems with lengths that fit into the pad





CLICKline Scissors for Single Use – Simply Sharp!

The single-use scissor inserts 34310MA-D and 34310MS-D can be combined with all reusable handles in the KARL STORZ CLICKLINE series. They are therefore suitable for both regular use or as a backup system.

Special Features:

- No long-term blunting of scissor blades thanks to first-time applications
- Inserts sterile-packed in individual blister packs and delivered in packages of 10 in a dispenser box
- “Single-use meets reusable”: Single-use scissors combined with reusable handles
- Color coding for the identification of single-use components



CLICKLINE Scissors for Single Use with Outer Sheath, size 5 mm, length 36 cm, sterile, for single use



34310MA-D*

CLICKLINE Scissors Insert with Outer Sheath, curved, double action jaws, spoon-shaped jaws, length of blades 17 mm, sterile, for single use, package of 10



34310MS-D*

CLICKLINE METZENBAUM Scissors Insert with Outer Sheath, curved, double action jaws, length of blades 12 mm, sterile, for single use, package of 10

For use with reusable handles in the **CLICKLINE** series, e.g.



33151

CLICKLINE Plastic Handle, without ratchet, with large contact area at the finger ring, rotating, insulated, with connector pin for unipolar coagulation



33149

CLICKLINE Plastic Handle, axial, without ratchet, double action shanks, rotating, insulated, with connector pin for unipolar coagulation



Further handles for combination with the single-use scissors can be found in the Laparoscopy catalog.

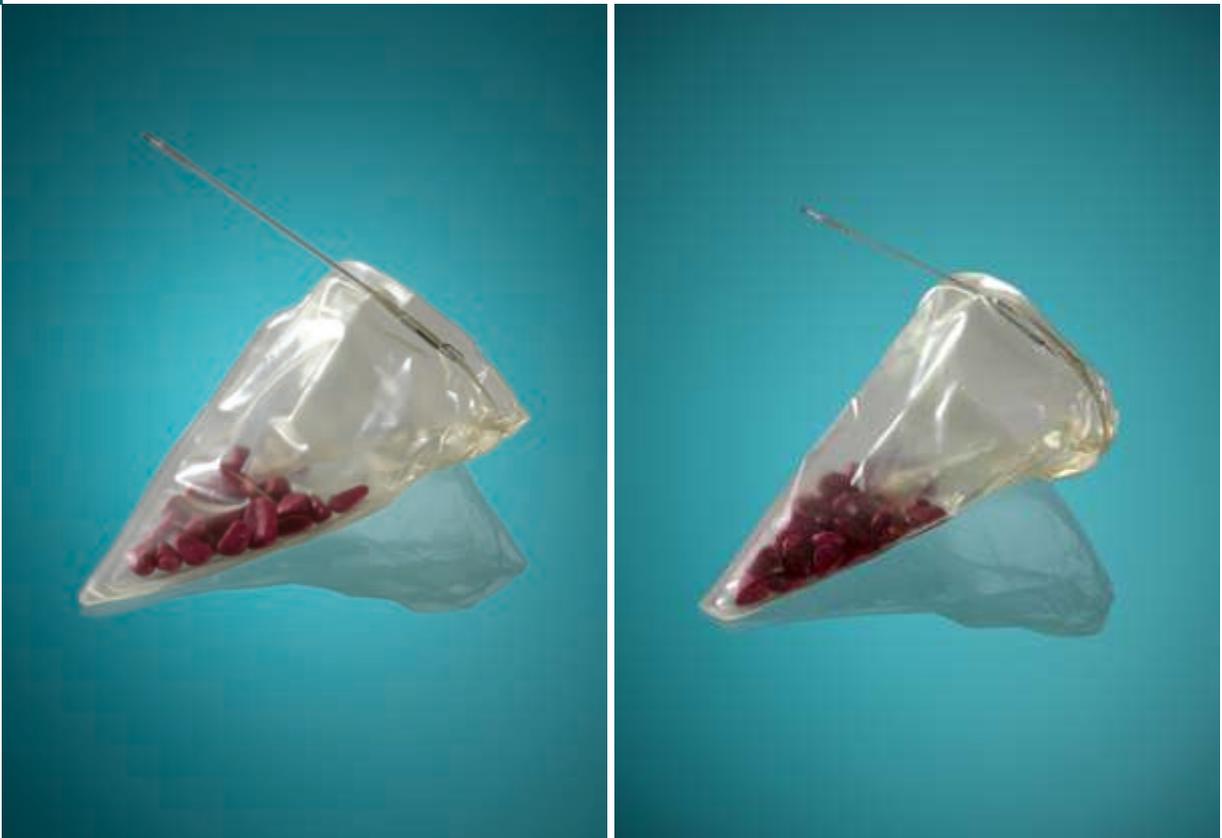


TRAPBAG Extraction Bag with Fish Trap Seal

- Each extraction bag pre-packaged in an insertion aid for insertion through a 10 mm trocar
- After the insertion aid is removed, the trocar is no longer blocked and can then be used for other instruments
- Fish trap seal prevents the leakage of tissue or fluid samples, even when bag is open
- Nitinol memory wire for opening and closing the extraction bag
- Transparent material

040343-05* **TRAPBAG Extraction Bag**, opening diameter 6 cm, volume 200 ml, sterile, for single use, package of 5, for use with trocars size 10 mm





MiniTwin TRAPBAG

For the laparoscopic removal of lymph nodes

- Two extraction bags pre-packaged in one insertion aid:
Bags can be inserted separately via a 10 mm trocar
- After the insertion aid is removed, the trocar is no longer blocked and can then be used for other instruments
- Both extraction bags feature a different design for the differentiation of tissue samples
- Fish trap seal prevents the leakage of tissue or fluid samples, even when bag is open
- Nitinol memory wire for opening and closing the extraction bag
- Transparent material

040302-05* **MINITWIN TRAPBAG**, 2 mini extraction bags, opening diameter 3 cm, volume 20 ml, sterile, for single use, package of 5, for use with trocars size 10 mm





Bipolar Single-Use Electrodes for Applications in Urology

The KARL STORZ product portfolio includes loops for resection, incision, en-bloc resection as well as vaporization and enucleation electrodes for the prostate, bladder and urethra.

Special Features:

- No return of current via the sheath
- Active and return electrode are totally insulated against all conductive components of the resectoscope and therefore also primarily insulated against the urethra
- No long-term wear and tear of the electrodes thanks to first-time applications
- Electrodes are sterile on delivery and are therefore ready for immediate use
- Depending on the electrodes used, various techniques can be performed with the same working element

Bipolar Electrodes

24/26 Fr. Electrodes for use with HOPKINS® Telescopes 27005BA/FA	Size and Color Code	Electrodes, for single use, package of 10 
Cutting Loop for TUR-P		
	diameter 0.35 mm color code: yellow	011160-10*
Cutting Loops for TUR-B		
	diameter 0.30 mm color code: yellow/orange	011165-10*
	diameter 0.30 mm color code: yellow/orange	011167-10*
	diameter 0.30 mm color code: yellow/orange	011166-10*
Vaporization Electrode HALF MOON®		
	diameter 0.35 mm color code: yellow	011156-10*
Enucleation Electrode		
	diameter 0.35 mm color code: yellow	011169-10*



Single-Use HyDOME® Albarran System for Duodenoscopes

- The single-use module consists of a pull wire and a lever mechanism (Albarran module)
- Secure positioning of the module with just one click
- Removing and discarding the single-use module after each procedure prevents cross-contamination. Removing the module provides direct access to the Albarran channel of the endoscope to facilitate thorough brushing and flushing of the channel.
- Product is sterile on delivery and ready for immediate use
- Time-saving; no reprocessing necessary
- No wear and tear thanks to first-time applications

110980-05* **HYDOME® Albarran Module**, sterile, for single use, package of 5, for use with SILVER SCOPE® Duodenoscopes 13885PKS/NKS



13885PKSK/NKSK
Duodenoscope

Flexible Video Duodenoscope

Sheath outer diameter	12.6 mm
Working channel diameter:	4.2 mm
Max. deflection up/down:	120°/90°
Max. deflection left/right:	90°/110°
Working length:	1260 mm
Direction of view:	5° retro

The following brushes are recommended for cleaning the duodenoscope

110962-50* **Cleaning Brush**, with double-sided brush, length 230 cm, brush diameter 4.5 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 3.2-4.2 mm



110920-10* **Biofilm Removal Device Cleaning Brush**, flocked, length 200 cm, unsterile, for single use, package of 10, for use with flexible endoscopes with a working channel diameter of 1.2 mm

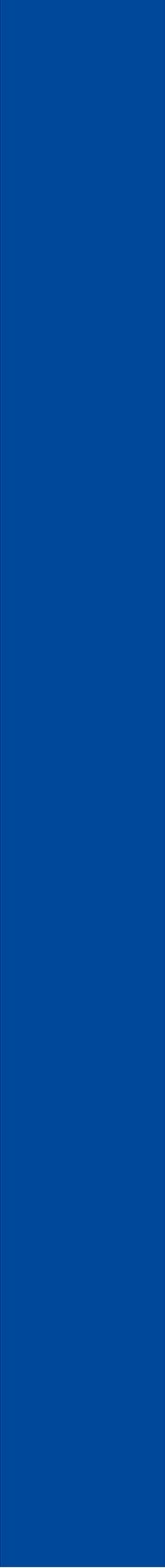


110932-50* **Cleaning Brush**, length 200 cm, brush diameter 1.7 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 1.2-1.5 mm



The complete portfolio of flexible, sterile instruments for single use in gastroenterology can be found in ENDOWORLD® 96302001E.

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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