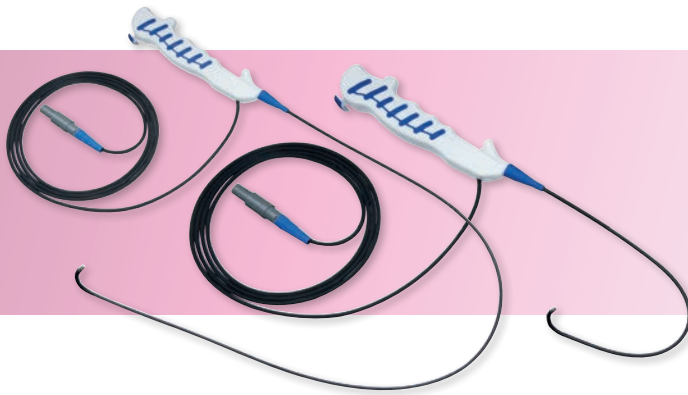


# Flexible Single-use Videoendoscopes

Sterile



**Sterile**

**Various lengths available**

**Ready for immediate use**

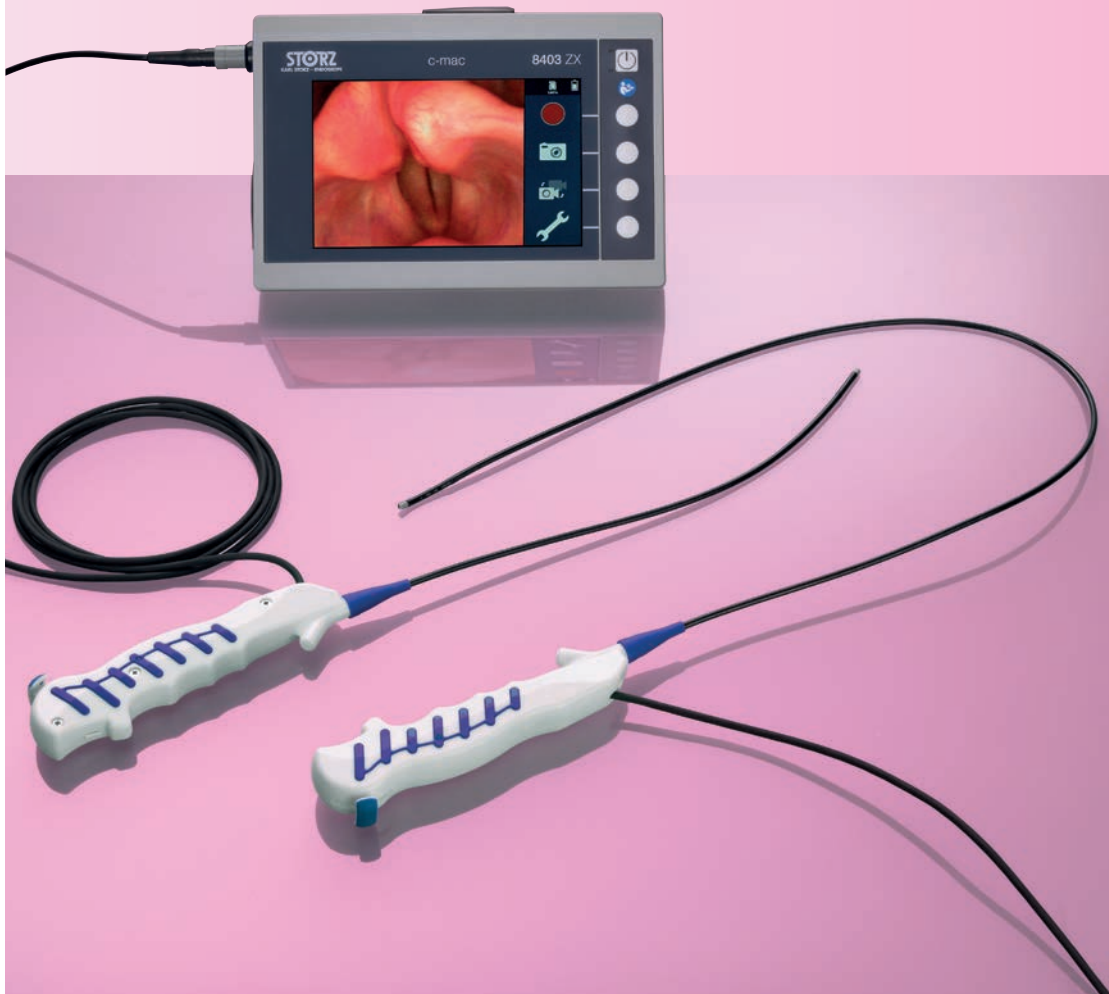
**Good image quality**

**Easy handling**

**High mobility**

**Ergonomic design**

**Straightforward  
documentation**



## Benefits of flexible single-use videoendoscopes



### **Sterile**

Sterile products reduce the risk of infection through pathogens.



### **Available in lengths 30 or 75 cm**

Available in two different lengths, single-use videoendoscopes can be used in many ENT applications such as, for example, standard examinations, swallowing diagnostics or TNE examinations.



### **Ready for immediate use**

Single-use videoendoscopes are sterile on delivery and are therefore ready for immediate use at any time.



### **Good image quality**

A CMOS sensor and powerful LED illumination provide good resolution and lighting conditions.



### **Easy handling**

The flexible single-use videoendoscopes are easy to use. Buttons on the monitor can be used to control video and image capture.



### **High mobility**

In combination with the C-MAC® 8403ZX Monitor and the E-BOX, the flexible single-use videoendoscopes can be used at any site of care.



### **Ergonomic design**

The ergonomic handle design makes the flexible single-use videoendoscopes easy to manipulate.



### **Straightforward documentation**

The monitor allows the patient to become actively involved during an examination. Furthermore, the C-MAC® 8403ZX or C-HUB® II makes the documentation of videos and images possible.



## Fields of Application

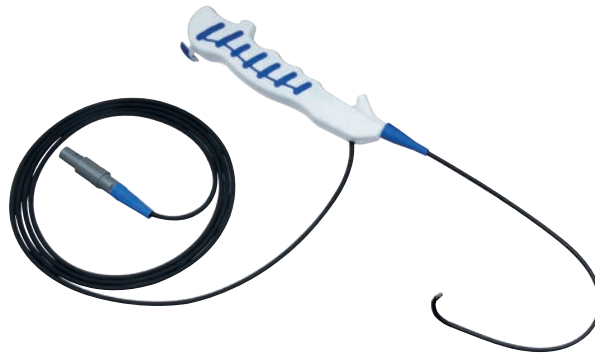
Both single-use videoendoscopes can be used for various ENT applications. The flexible single-use video rhino-laryngoscope (length 30 cm) can be used for, e.g., laryngoscopy and pharyngoscopy as well as swallowing examinations. The single-use video esophagoscope (working length 75 cm) is also inserted transnasally and allows endoscopic examination of the esophagus. In conjunction with the E-BOX and its integrated camera control unit, both single-use videoendoscopes provide a compact solution. Combined with the lightweight C-MAC® Monitor 8403ZX or C-HUB® II, they provide a mobile and convenient solution for the hospital bedside, the doctor's office, centers for dysphagia and reflux examinations or outpatient care.

## Why single-use?

There have been considerable changes on many markets due to new hygiene directives and legal regulations. KARL STORZ offers flexible single-use videoendoscopes to meet these challenges at an early stage and to optimally respond to changing customer demands.

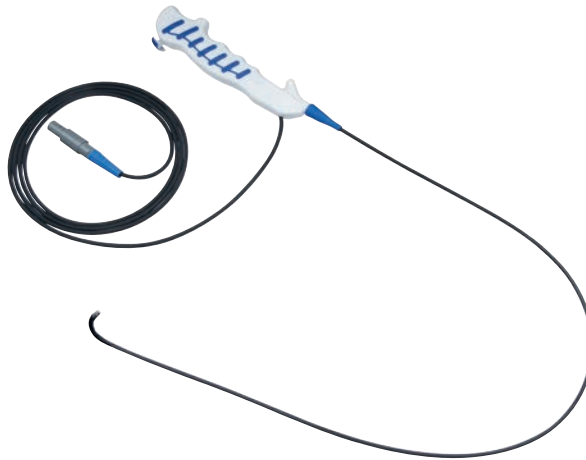
- **Single-use products reduce the risk of infection through pathogens. Single-use videoendoscopes are thus suitable for use on highly infectious or immunocompromised patients.**
- **The products are already sterile on delivery and thus provide an ideal solution for clinics and practices where flexible endoscopes can only be reprocessed at great cost and inconvenience.**
- **In the case of a defective reusable endoscope or in bottleneck situations, single-use videoendoscopes are available for immediate use as a replacement.**
- **Less work for clinics**
  - **No cleaning of products necessary**
  - **Easy disposal**

## Overview of the new flexible single-use videoendoscopes



STERILE 

091330-06\* **CMOS Video Rhino-Laryngoscope SSU**, sterile, for single use, package of 6, for use with E-BOX TP012 and TELE PACK +, direction of view 0°, angle of view 90°, working length 30 cm, outer diameter 3.5 mm, deflection up/down 140°/140°



STERILE 

091370-06\* **CMOS Video Esophagoscope SSU**, sterile, for single use, package of 6, for use with E-BOX TP012 and TELE PACK +, direction of view 0°, angle of view 90°, working length 75 cm, outer diameter 3.5 mm, deflection up/down 210°/140°



TP012 **E-BOX**, for flexible videoendoscopes for single use, compatible with C-MAC® Monitor 8403ZX and C-HUB® II 20290320

## C-MAC® Monitor for the connection of flexible single-use videoendoscopes

The C-MAC® Monitor (8403ZX) enables mobile and flexible use in the field of ENT. The dual port allows, for example, a reusable video rhino-laryngoscope and a single-use video to be simultaneously connected to the C-MAC® monitor.



- Two videoendoscopes can be connected simultaneously (dual video endoscope input)
- High resolution and high-contrast image playback
- Documentation with SD memory card (max. 32 GB) and subsequent data storage on a USB memory stick
- System is open to all C-MAC® components (forward and backward compatibility)
- Rapid toggling between video sources
- Monitor has an operating time of 2 h and can be powered up and used at the same time
- HDMI output for connecting an external monitor

8403ZXK **C-MAC® Monitor for CMOS Endoscopes, Set**, 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-HUB® II

### for the connection of flexible single-use videoendoscopes

- USB output enables connection to a PC, laptop or Mac
- S-Video/HDMI outputs enable connection to an external monitor, video printer or documentation unit
- An office computer can be used for archiving and for image or video transfers



20290301 **C-HUB® II Camera Control Unit**, for use with C-CAM® Camera Head 20290132, Electronic Module 8402X, C-MAC® Connecting Cable 8403X or compatible CMOS videoendoscopes, interfaces: USB 2.0, S-Video output (NTSC), HDMI output, power socket including:

- C-HUB® II**
- Power Supply**
- S-Video (Y/C) Connecting Cable**
- USB Connecting Cable**
- Video Editor**

## TELE PACK + Compact Endoscopy for ENT

### for the connection of flexible single-use endoscopes

- Lower costs through a single unit that accommodates rigid endoscopes, flexible videoscopes, and single-use solutions

TP101 **TELE PACK +**, endoscopic video unit with 2 camera inputs (X-Line and C-Line) for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), incl. LED light source, digital Image Processing Module with USB and network storage options as well as 18.5" FULL HD touch screen monitor, power supply 100 – 240 VAC, 50/60 Hz, including 400 F Mains Cord, length 300 cm



**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*

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