

# Highlights 2017

2017 Edition, Quarter 1



Veterinary  
Endoscopy  
Large Animals

**STORZ**  
KARL STORZ – ENDOSKOPE





## The NEW KARL STORZ Equine Dental Scope

### New dimensions are more ergonomic and deliver easier handling

The use of an endoscope during equine dental examinations, cleaning, floating, extractions or other procedures improves visualization and accuracy and allows for documentation of findings.

- Robust construction protects telescope from damage
- Completely soakable
- Light and irrigation connectors are rotatable
- The lightweight and easy to use C-MAC® monitor works with either a standard electrical power cord or with a battery for ease of use in the field or the clinic
- The TELE PACK VET X LED is the ultimate mobile endoscopic video system, compatible with all types of endoscopes, including videoendoscopes, rigid telescopes, fiberscopes and exoscopes

**Equine Dental Scope:**

- 66490 CF **Dental Telescope**, direction of view 70°, angle of view 90°, diameter 8 mm, working length 440 mm, for use with Protection Sheath 66490 CQ and Irrigation Sheath 66490 CS
- 66490 CS **Irrigation Sheath**, distal irrigation hole with diameter 1.5 mm, irrigation connector with 360° rotating stopcock, 340° rotating light connection, working length 440 mm, for use with Dental Telescope 66490 CF
- 66490 CQ **Protection Sheath**, for Dental Telescope 66490 CF

**C-MAC® Monitor Video System:**

- 8403 ZX **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 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, without mains adaptor and accessories, for use with CMOS video endoscopes
  - 20290132 **C-CAM® Camera Head**, 8-pin, one-chip CMOS camera head, resolution 640 x 480, focal length  $f = 20$  mm, for use with C-HUB® 20290101 and C-HUB® II 20290301 as well as C-MAC® Monitors 8402 ZX/8403 ZX
  - 11301 D4 **Battery Light Source LED for Endoscopes**, with fast screw thread, boost mode for temporary increase in brightness, burning time > 120 min, brightness > 110 lm / > 150 klx, weight approx. 150 g ready for use, suitable for wipe disinfection, for use with KARL STORZ endoscopes
- or
- 11301 DE **Battery Light Source LED for Endoscopes**, rechargeable, with click connection, boost mode for temporary increase in brightness, color temperature 5500 K, lithium-ion batteries, charging time 60 min, burning time at 100% brightness 40 min, weight approx. 150 g, suitable for wipe disinfection

**TELE PACK VET X LED:**

- RP 100S1 **TELE PACK VET X LED**, endoscopic video unit for use with all KARL STORZ TELECAM one-chip camera heads, veterinary video camera heads and video endoscopes, incl. LED light source similar to Xenon technology, with integrated insufflation pump and digital Image Processing Module, 15" LCD TFT monitor with LED backlight, USB/SD memory module, color systems PAL/NTSC, power supply 100-240 VAC, 50/60 Hz
  - 20212030 **TELECAM One-Chip Camera Head**, color system PAL, soakable, gas-sterilizable, with integrated Parfocal Zoom Lens,  $f = 25-50$  mm (2x), 2 freely programmable camera head buttons
- or
- 20212130 **Same**, color system NTSC
  - 69495 NA **Fiber Optic Light Cable**, with straight connector, diameter 3.5 mm, length 230 cm
  - 495 KS **Adaptor**, for standard KARL STORZ fiber optic light cables (not 495 NCS)



## TELE PACK VET X LED

The complete mobile endoscopic video and documentation system

- Compatible with all types of endoscopes, including videoendoscopes, rigid telescopes and fiberscopes
- Integrates every component necessary for endoscopic imaging: camera, LED light source, monitor, insufflation pump and image capture
- Compact and lightweight, TELE PACK VET X LED is the ultimate solution for small spaces as well as easy transport and quick set-up for use in multiple examination rooms
- High performance LED light source assures bright and uniform illumination, with up to 30,000 hours of lamp life
- Image capture system stores still images and videos onto USB drives or SD memory card

RP 100S1 **TELE PACK VET X LED**, endoscopic video unit for use with all KARL STORZ TELECAM one-chip camera heads, veterinary video camera heads and video endoscopes, incl. LED light source similar to Xenon technology, with integrated insufflation pump and digital Image Processing Module, 15" LCD TFT monitor with LED backlight, USB/SD memory module, color systems PAL/NTSC, power supply 100-240 VAC, 50/60 Hz

or

RP 100S2 **Same**, without carrying case

**Camera head:**

20212030 **TELECAM One-Chip Camera Head**, color system PAL, soakable, gas-sterilizable, with integrated Parfocal Zoom Lens, f = 25-50 mm (2x), 2 freely programmable camera head buttons

or

20212130 **Same**, color system NTSC

**Light Cable:**

69495 NA **Fiber Optic Light Cable**, with straight connector, diameter 3.5 mm, length 230 cm

495 KS **Adaptor**, for standard KARL STORZ fiber optic light cables (not 495 NCS, 495 TIP, 495 NAC, 495 NCSC), for connection to cold light fountains with video endoscope adaptor

**Keyboard:**

20040240 DE **USB Silicone Keyboard**, with German character set, USB plug, with touchpad

20040240 ES **Same**, with Spanish character set

20040240 FR **Same**, with French character set

20040240 IT **Same**, with Italian character set

20040240 PT **Same**, with Portuguese character set

20040240 RU **Same**, with Russian character set

20040240 US **Same**, with US-English character set

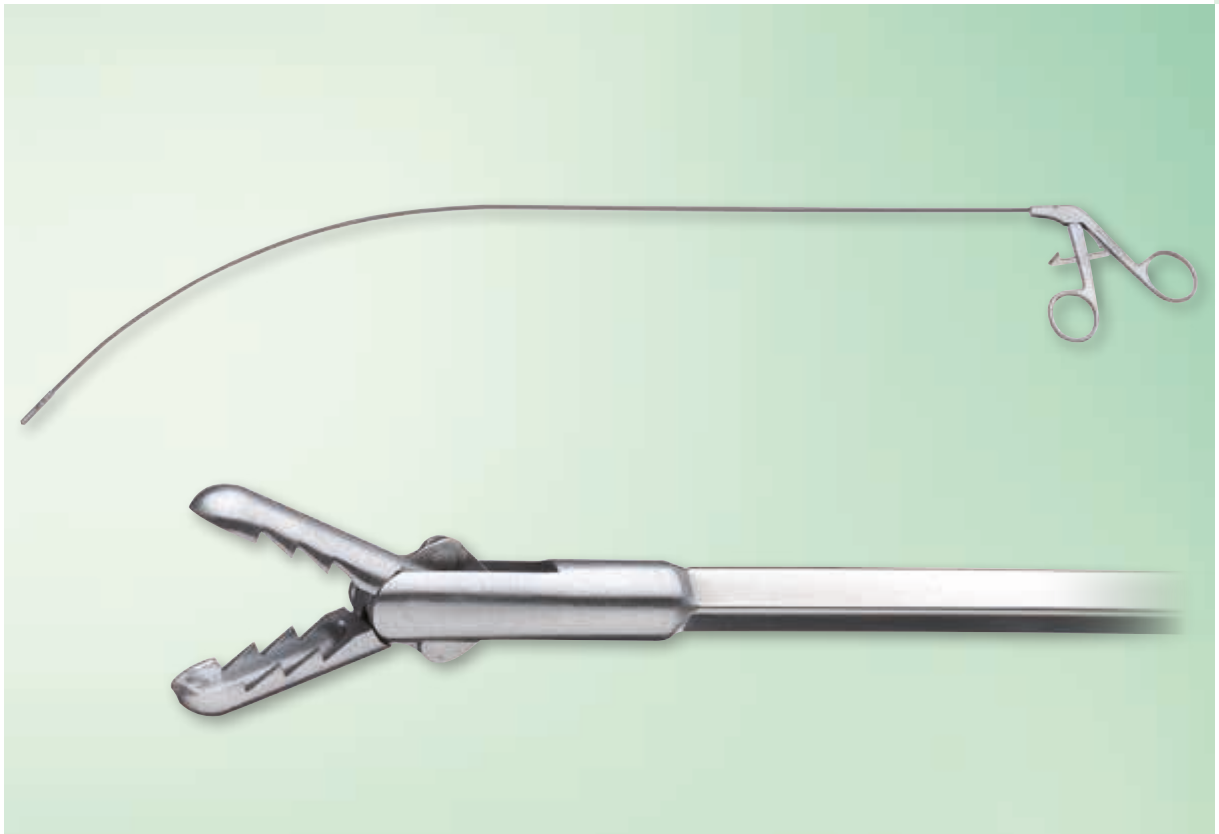


## Extended length TERNAMIAN EndoTIP Cannula for Equine Laparoscopy

The longer length makes reaching the abdominal cavity much easier in larger horses

- 20 cm x 11 mm
- Autoclavable

60103 TXR TERNAMIAN **ENDOTIP Cannula**, with thread and rotatable insufflation stopcock, size 11 mm, working length 20 cm, color code: green including:  
**Multifunctional Valve**  
**Seal Set 60/10**  
**Mandrel**, for opening automatic valves



## Equine Laryngeal Forceps

Used transnasally alongside KARL STORZ flexible videoendoscopes to perform laryngeal laser surgery

- Curved shaft is ergonomic and allows for smooth passage through the nasal cavity to the larynx
- Ratcheted handle maintains a secure grasp on the larynx for the full duration of the procedure
- Double action jaws
- Large 4 mm jaw width

60370 UC **Equine Laryngeal Forceps**, curved, with ratchet, double action jaws, sheath diameter 2.5 mm, jaw width 4 mm, length 60 cm



## HAMOU® ENDOMAT® irrigation and suction device for veterinary arthroscopy

A powerful fluid management solution for arthroscopic procedures in large and small animals

- Simple, safe and reliable
- An easy to use interface facilitates selection of pressure and flow rates, which can be adjusted at any time during the procedure
- The device stops pumping when the preselected pressure is reached, preventing overdistension and unnecessary noise during use
- If pressure drops, fluid is immediately added at the preset flow rate until the selected pressure is restored



**69331009-1 ENDOMAT® SCB**, Set for arthroscopy, with KARL STORZ-SCB, incl. mains cord, power supply 100-240 VAC, 50/60 Hz including:  
**HAMOU® ENDOMAT® SCB, Tubing Set**, with two puncture cannulas, sterile, for single use, package of 3

**Optional Accessories:**

**20010130 One-Pedal Footswitch**, one-stage

**031118-10\* LAP Tubing Set**, with two puncture needles for irrigation, sterile, for single use, package of 10



**26 3300 41 LAP Tubing Set**, reusable, sterilizable, for use with HAMOU® ENDOMAT®

**Suction Tubing Options:**

Reusable suction system

**20300042 Silicone Tubing Set**, for suction, sterilizable

**031124-10\* Filter**, for suction, connection on bottle side with special connection, connection on unit side with cone, unsterile, for single use, package of 10, for use with all currently available suction pumps with tube connections



**20300052 Suction Bottle**, 1.5 l, sterilizable

**20300034 Bottle Cap**, for suction bottles 1.5 l and 5 l, sterilizable

Single use suction system



**030020-18\* VACUSAFE Canister**, 2 l, unsterile, package of 18, for use with VACUSAFE suction bags 2 l with and without filter

**030120-48\* VACUSAFE Suction Bag**, 2 l, without filter, unsterile, for single use, package of 48, color code: red

**030848-10\* VACUSAFE LUER-Lock Tubing Set**

including:

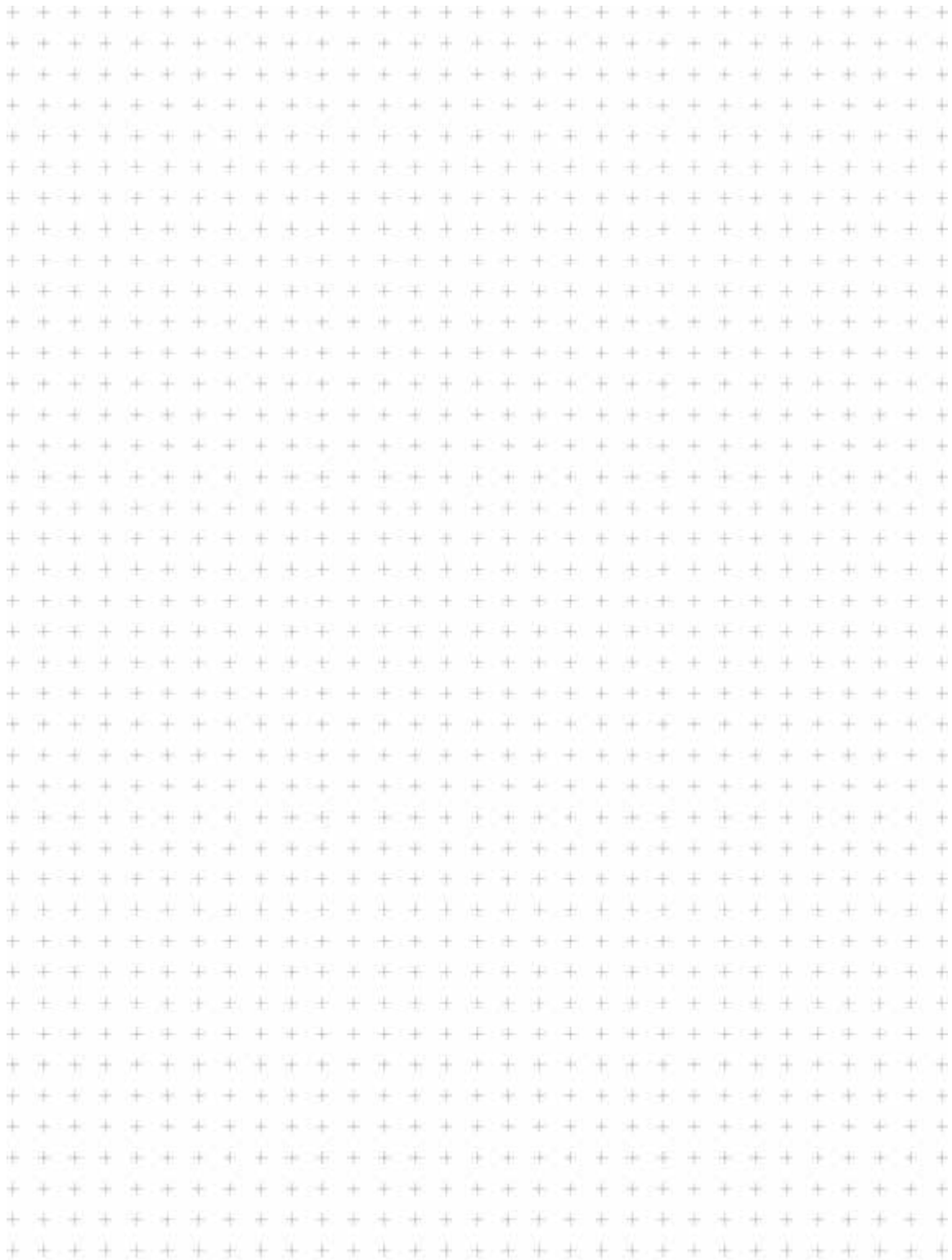
10x **Patient Tube**, 2.5 m, with male LUER-Lock and red multi-adaptor, sterile

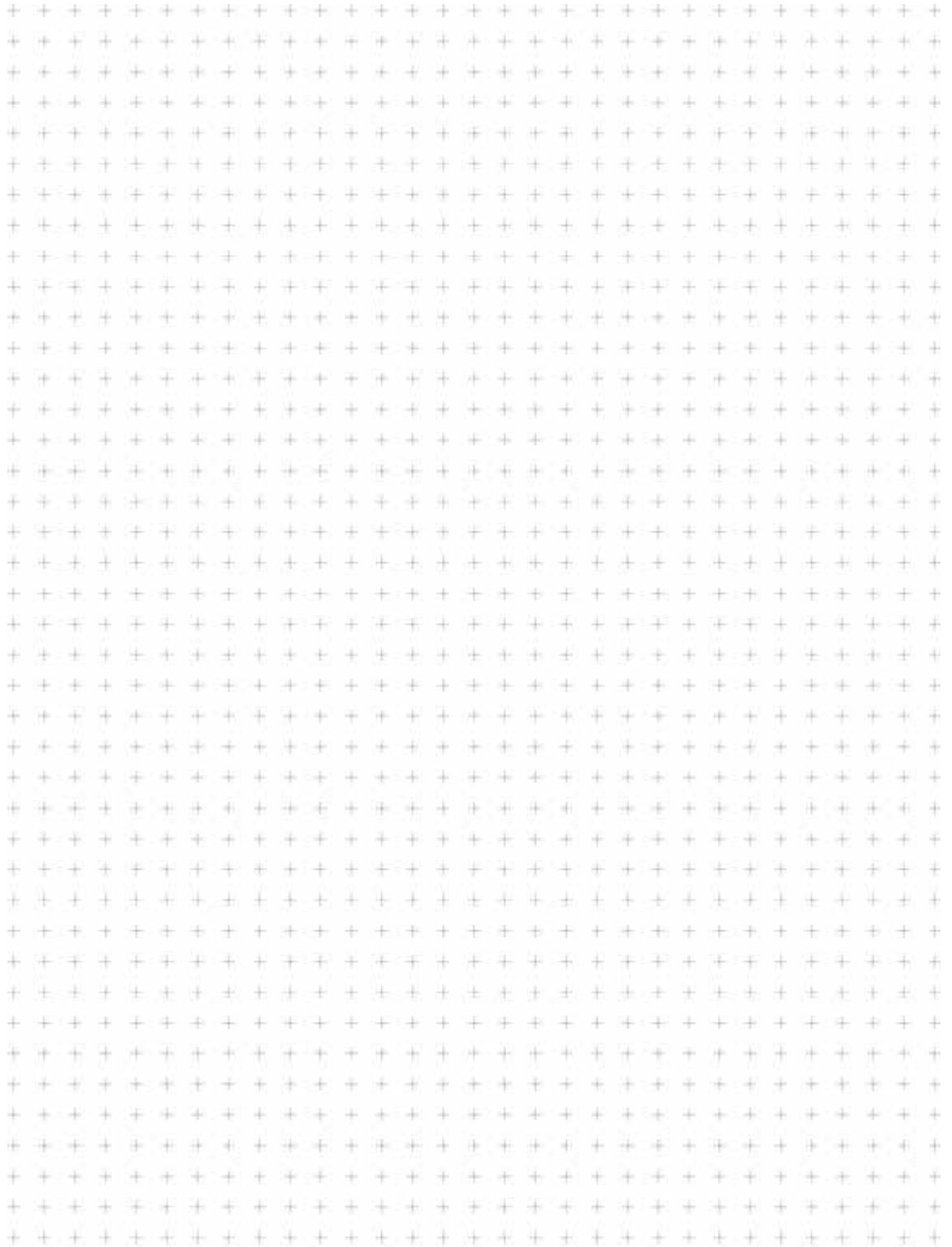


1x **LUER-Lock Pump Tube**, 1.5 m, with male LUER-Lock, female/female LUER-Lock adaptor and green multi-adaptor, unsterile

**030548-50\* VACUSAFE Connecting Tube**, 40 cm, with red multi-adaptor, unsterile, for single use, package of 50









THE DIAMOND STANDARD

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