Highlights 2019
Veterinary Endoscopy
Large Animals
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 ZXK **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 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 CMOS video endoscopes

**20 2901 32** **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® **20 2901 01** and C-HUB® II **20 2903 01** 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

**20 2120 30** **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

**20 2121 30** **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, 495 TIP, 495 NAC, 495 NCSC)
Snap-in Sheaths from KARL STORZ

For a fast, simple and secure telescope-sheath-connection

- The snap-in telescope connection ensures the telescope is much easier to lock into place
- High-flow system for greater flow of irrigation liquid
- Effective cleaning and reprocessing as sheaths can be fully dismantled
64230 BWA  **HOPKINS® Wide Angle Forward-Oblique Telescope 30°**, enlarged view, diameter 4 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

64131 R  **High Flow Arthroscope Sheath**, with snap-in coupling mechanism, diameter 5.5 mm, working length 13.5 cm, one stopcock, rotating, for use with HOPKINS® telescopes 0°, 30°, 45°, 70°, 90° and Obturators 64130 BC/BT/BS, color code: blue

64131 CR  Same, two stopcocks

**Obturators for use with Sheath 64131 R/CR**

64130 BC  **Obturator**, blunt, for use with Arthroscope Sheath 64131 R/CR

64130 BT  **Obturator**, semisharp, for use with Arthroscope Sheath 64131 R/CR
ENDOMAT® SELECT – The Choice is Yours

ENDOMAT® SELECT is an interdisciplinary roller pump for the irrigation or suction of fluids during surgical and diagnostic procedures.

Benefits at a glance:

- Cost-efficient pump as modular design supports basic functionality across various fields of application
- Extremely simple handling thanks to tubing set for single hand control
- Safe use thanks to tubing set recognition
- Seamless integration into existing systems
**Highlights**

**VETERINARY ENDOSCOPY – Large Animals | 1-2019**

**UP 210**

**ENDOMAT® SELECT SCB,**

suction and irrigation pump, incl. mains cord,
power supply 100-240 VAC, 50/60 Hz

**UP 609**

**VET Software, license,**

allows selection of the procedures “Small Animal” and “Large Animal” in arthroscopy and “SURG”, “Direct Suction” and “Bottle Suction” in surgery,
for use with ENDOMAT® SELECT UP 210

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**Single Use Tubing Sets**

**031524-10**

**Tubing Set, irrigation, flow-controlled,**

sterile, for single use, package of 10, for use with
HAMOU® ENDOMAT® SCB 26331120-1 and ENDOMAT® SELECT UP 210

**031523-10**

**Tubing Set, irrigation, pressure-controlled,**

sterile, for single use, package of 10, for use with
HAMOU® ENDOMAT® SCB 26331120-1 and ENDOMAT® SELECT UP 210

**030647-10**

**Tubing Set, suction, direct suction,**

sterile, for single use, package of 10, for use with ENDOMAT® SELECT UP 210

**031647-10**

**Tubing Set, suction, bottle suction,**

sterile, for single use, package of 10, for use with ENDOMAT® SELECT UP 210

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**Reusable Tubing Sets**

**UP 007**

**Tubing Set, Irrigation, flow-controlled,**

reusable, sterilizable, for use with HAMOU® ENDOMAT® SCB 26331120-1
and ENDOMAT® SELECT UP 210

**UP 008**

**Tubing Set, Irrigation, pressure-controlled,**

reusable, sterilizable, for use with HAMOU® ENDOMAT® SCB 26331120-1
and ENDOMAT® SELECT UP 210

**UP 009**

**Tubing Set, Suction, direct suction,**

reusable, sterilizable, for use with ENDOMAT® SELECT UP 210

**UP 010**

**Tubing Set, Suction, bottle suction,**

reusable, sterilizable, for use with ENDOMAT® SELECT UP 210
Large Animal Videoendoscopes

High resolution CCD chip delivers sharp, true color images

- Ideal for numerous large animal applications, including: Gastroscopy, Esophagoscopy, Tracheoscopy, Hysteroscopy, Urethrocystoscopy, Rhinoscopy, Pharyngoscopy and Laryngoscopy
- Large working channel facilitates bigger biopsies to ensure a more accurate diagnosis
- Uniform image brightness, even under difficult lighting conditions
- Utilizes the same camera processor and light source as KARL STORZ rigid endoscopes and fiberscopes, which translates into major saving for the busy vet practice wanting to offer a variety of endoscopy services
- For use in the field, all KARL STORZ large animal videoendoscopes are compatible with TELE PACK VET X LED mobile endoscopic video imaging system
60914 PKSK  **Veterinary Video Endoscope PV-SG 28-140, Set**, color system PAL, sheath diameter 9.7 mm, working channel diameter 2.8 mm, working length 140 cm, deflection: up 180°/220°, down 120°, left/right 120°/120°, field of vision 140°, depth of view 2-200 mm, for use with KARL STORZ camera system

or

60914 NKSK  **Same**, color system NTSC

60118 PKSK  **Veterinary Video Endoscope PV-G 28-180, Set**, color system PAL, sheath diameter 10.4 mm, working channel diameter 2.8 mm, working length 180 cm, deflection: up 180°/200°, down 100°, left/right 120°/120°, field of vision 140°, depth of view 2-200 mm, for use with KARL STORZ camera system

or

60118 NKSK  **Same**, color system NTSC

60125 PKSK  **Veterinary Video Endoscope PV-G 28-250, Set**, color system PAL, sheath diameter 10.4 mm, working channel diameter 2.8 mm, working length 250 cm, deflection: up 180°/220°, down 120°, left/right 120°/120°, field of vision 140°, depth of view 2-200 mm, for use with KARL STORZ camera system

or

60125 NKSK  **Same**, color system NTSC

60130 PKSK  **Veterinary Video Endoscope PV-G 28-300, Set**, color system PAL, sheath diameter 10.4 mm, working channel diameter 2.8 mm, working length 300 cm, deflection: up 180°/200°, down 100°, left/right 120°/120°, field of vision 140°, depth of view 2-200 mm, for use with KARL STORZ camera system

or

60130 NKSK  **Same**, color system NTSC

60332 PKSK  **Veterinary Video Endoscope PV-G 34-325, Set**, color system PAL, sheath diameter 13 mm, working channel diameter 3.4 mm, working length 325 cm, deflection up 180°/200°, down 140°, left/right 120°/120°, field of vision 140°, depth of view 2-200 mm, for use with KARL STORZ camera system

or

60332 NKSK  **Same**, color system NTSC
EquiVeо® Videoendoscopy
All-in-one, mobile system for respiratory endoscopy in horses

- With a slender diameter of just 6 mm and extended length of 150 cm, EQUIVEO® offers precise endoscopic visual control for examination of all areas of the upper respiratory tract in horses
- 4-way tip deflection and responsiveness of the insertion tube assure precise and reliable maneuverability
- Large, high-resolution 5" true color LCD color monitor with impact protection
- Works with either a standard electrical power cord or rechargeable batteries for ease of use in the clinic or in the field
- Documentation of still images (JPEG) and videos (ASF) is fully integrated into the system
EQUIVEO® Videoscope 1.5 m x diameter 6 mm, Set, length 1.5 m, sheath outer diameter 6 mm, direction of view 0°, angle of view 70°, depth of field 15 mm to infinity, black fluoropolymer sheath, 4-way deflection 150°, lens with safety thread, ergonomic control unit with 5” LCD display unit and Li-ion battery, SD memory card 4 GB and adjustable LED light source incl. Li-ion battery including:

- **Power Supply**, for videoscope
- **Light Source**, adjustable
- **4x Rechargeable Battery RCR123A**, 3 V, for LED light source
- **Charger Unit**, for rechargeable batteries RCR123A
- **Lithium-ion Battery**, for 5” LCD display unit
- **Charger Unit**, for Lithium-ion Battery 81302030
- **Mini-USB Cable 1.1**
- **Composite Video Cable**
- **Adhesive Label**, labeling 230 x 100 mm
- **Storage Case**, for videoscope
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
Performance Meets Ergonomics: The New DrillCut-X® ARTHRO Shaver Handpiece

The new DRILLCUT-X® ARTHRO shaver handpiece stands out due to its excellent cleanability and exceptional versatility. Another striking feature is its ergonomic design. Due to its dimensions, the tool is suitable for use in both large and small joints. The shaver handpiece is controlled via the UNIDRIVE® S III ARTHRO console.

- Ergonomic design allows various hand positions
- Possible to lock blades in 4 positions (0°, 90°, 180°, 270°)
- Low-noise operation
- Handpiece weight of only 310 g allows fatigue-free work

Unique feature:
The distal end of the shaver handpiece is detachable so that optimal cleaning of previously hard-to-access areas is possible.

28200 DX DRILLCUT-X® ARTHRO Shaver Handpiece, up to 8000 rpm, for use with UNIDRIVE® S III ARTHRO SCB 28723020-1, as of software status 1.10.
Further information and an overview of Veterinary Endoscopy products from KARL STORZ can be viewed on

www.karlstorz.com in the section Endoscopy in Veterinary Medicine