Laparoscopy and Thoracoscopy in Small Animals
Laparoscopy and Thoracoscopy in Dogs and Cats

The 5 mm HOPKINS® telescope from KARL STORZ provides the small animal practitioner with bright, enlarged views of all abdominal and thoracic organs through a tiny incision.

Biopsy and/or aspiration of the following organs can be achieved: liver, kidney, pancreas, spleen, gall bladder, lymph nodes, lung and gastrointestinal tract.

Endoscopic photographs courtesy of Dr. David Twedt, Colorado State University.
Ancillary instrumentation, such as biopsy forceps, graspers and scissors may be placed through additional 5 mm portals. This allows not only documentation and biopsy of abnormalities, but also a number of therapeutic minimally invasive surgical interventions including the following:

- Cryptorchid castration
- Prophylactic gastropexy
- Ovariohysterectomy
- Cystotomy
- Jejunostomy/gastrostomy tube placement
- Adrenalectomy
- Pericardectomy
- Partial lung lobectomy
- Nephrectomy
- Insulinoma removal
- Partial pancreatectomy
- Resolution of gastric dilatation with volvulus
- Lap-assisted cystostomy
- Lap-assisted cystopexy

Laparoscopy and thoracoscopy will vastly improve your diagnostic and surgical accuracy, while reducing patient recovery time and improving client satisfaction.
HOPKINS® Laparoscopes/Thoracoscopes

Multiple Puncture Approach
Telescopes, diameter 5 mm
Trocars size 6 mm

62046AA  HOPKINS® Straight Forward Telescope 0°,
enlarged view, diameter 5 mm, length 29 cm, autoclavable,
fiber optic light transmission incorporated,
color code: green

62046BA  HOPKINS® Forward-Oblique Telescope 30°,
enlarged view, diameter 5 mm, length 29 cm, autoclavable,
fiber optic light transmission incorporated,
color code: red

TERNAMIAN Endotip Cannula with Multifunctional Valve

60160TKR  TERNAMIAN ENDOTIP Cannula, with thread
and rotating insufflation stopcock, size 6 mm,
working length 8.5 cm,
color code: black
including:
Cannula
Multifunctional Valve
Seal Set 50/4
Mandrel, for opening automatic valves

60103TMR  TERNAMIAN ENDOTIP Cannula, with thread
and rotating insufflation stopcock, size 11 mm,
working length 10.5 cm,
color code: green
including:
Cannula
Multifunctional Valve
Seal Set 60/10
Mandrel, for opening automatic valves

62141DB  Reducer, 11/5 mm
Trocar with Multifunctional Valve

62160WZ  Trocar, with pyramidal tip, with insufflation stopcock, size 6 mm, working length 8.5 cm, color code: black-white
including:
Cannula, without valve,
Trocar only
Multifunctional Valve

62103WZ  Trocar, with pyramidal tip, with insufflation stopcock, size 11 mm, working length 8.5 cm, color code: green-white
including:
Cannula, without valve,
Trocar only
Multifunctional Valve

Lightweight Ribbed Trocar and Cannula
Ribbed cannula reduces slippage out of the body wall

62160GSK  Trocar, with sharp tip, with Luer-Lock connector for insufflation, size 6 mm, working length 6 cm, color code: black-green
including:
Cannula, with thread
Trocar only
Silicone Leaflet Valve

62160GBK  Same, with blunt tip
Diagnostic Instruments

66321DB CLICKLINE Dissecting and Biopsy Forceps, rotating, dismantling, with connector pin for unipolar coagulation, with Luer-Lock irrigation connector for cleaning, single action jaws, size 5 mm, length 36 cm including:
- Plastic Handle, without ratchet
- Metal Outer Sheath, insulated
- Forceps Insert

66323ML CLICKLINE KELLY Dissecting and Grasping Forceps, rotating, dismantling, with connector pin for unipolar coagulation, with Luer-Lock irrigation connector for cleaning, double action jaws, long, size 5 mm, length 36 cm including:
- Plastic Handle, with hemostat style ratchet
- Metal Outer Sheath, insulated
- Forceps Insert

Suture, Ligature

66321EH CLICKLINE Hook Scissors, rotating, dismantling, with connector pin for unipolar coagulation, with Luer-Lock irrigation connector for cleaning, single action jaws, size 5 mm, length 36 cm including:
- Plastic Handle, without ratchet
- Metal Outer Sheath, insulated
- Scissors Insert

26172AE Endo-Loop Ligature, with ROEDER knot, for bleeding stumps, with absorbable synthetic suture, for single use, sterile, USP 0, size 3 mm, length 33 cm, package of 12

26596SK KÖCKERLING Knot Tier, for extracorporeal knotting, size 5 mm, length 36 cm

For instruments in longer and shorter versions, see the Veterinary Endoscopy, Small Animals catalog.
Surgical Instruments

66323BA  
CLICKLINE BABCOCK Grasping Forceps, 
rotating, dismantling, with connector pin for unipolar coagulation, with LUER-Lock irrigation connector for cleaning, single action jaws, atraumatic, with multiple teeth, fenestrated, size 5 mm, length 36 cm 
including:
Plastic Handle, with hemostat style ratchet
Metal Outer Sheath, insulated
Forceps Insert

33321FG  
CLICKLINE Grasping Forceps, rotating, dismantling, insulated, with connector pin for unipolar coagulation, with LUER-Lock irrigation connector for cleaning, double action jaws, serrated, curved, conical, size 5 mm, length 36 cm 
including:
Plastic Handle, without ratchet
Metal Outer Sheath, insulated
Forceps Insert

66321MW  
CLICKLINE Scissors, rotating, dismantling, insulated, with connector pin for unipolar coagulation, with LUER-Lock irrigation connector for cleaning, double action jaws, serrated, curved, conical, size 5 mm, length 36 cm 
including:
Plastic Handle, without ratchet
Metal Outer Sheath, insulated
Scissors Insert

For instruments in longer and shorter versions, see the Veterinary Endoscopy, Small Animals catalog.
33533DU **CLICKLINE DUVAL Grasping Forceps**, rotating, dismantling, without connector pin for unipolar coagulation, with irrigation Luer-Lock connector for cleaning, double action jaws, size 10 mm, length 36 cm
including:
- **Metal Handle**, with hemostat style ratchet
- **Outer Sheath**, insulated
- **Forceps Insert**

33326R **CLICKLINE Dissecting and Grasping Forceps**, rotating, dismantling, insulated, with connector pin for unipolar coagulation, with Luer-Lock irrigation connector for cleaning, double action jaws, right-angled, size 5 mm, length 36 cm
including:
- **Plastic Handle**, with disengageable ratchet
- **Metal Outer Sheath**
- **Forceps Insert**

33541RG **CLICKLINE Dissecting and Grasping Forceps**, rotating, dismantling, without connector pin for unipolar coagulation, with Luer-Lock irrigation connector for cleaning, double action jaws, right-angled, size 10 mm, length 36 cm
including:
- **Metal Handle**, with disengageable ratchet
- **Metal Outer Sheath**
- **Forceps Insert**
ROBI PLUS® Bipolar Forceps, 5 mm

66351DN  ROBI PLUS®, rotating, with connector pin for bipolar coagulation, with integrated cutting function, single action jaws, size 5 mm, length 35 cm including:
   Ring Handle, bipolar, with activator for cutting function
   Outer Sheath, insulated, length 35 cm
   Knife Sheath with Integrated Blade, length 35 cm
   Forceps Insert, length 35 cm

66451DN  Same, length 42 cm

Single-use knife sheaths for ROBI PLUS®

66300M  Knife Sheath with Integrated Blade, for single use, length 35 cm, for use with Bipolar Instrument ROBI PLUS® 66351DN

66400M  Same, length 42 cm, for use with Bipolar Instrument 66451DN

30623F  Fan Retractor, dismantling, distendable, size 5 mm, length 36 cm

30623FP  Same, size 10 mm

For instruments in longer and shorter versions, see the Veterinary Endoscopy, Small Animals catalog.
Suction and Irrigation Tubes

37360LH  **Suction and Irrigation Tube**, with lateral holes, size 5 mm, length 36 cm, for use with suction and irrigation handles

37370SC  **Coagulating and Dissecting Electrode**, with suction channel, insulated sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm

37370DL  **Same**, L-shaped

26173BN  **Suction and Irrigation Tube**, with lateral holes, with two-way stopcock for single-hand control, size 5 mm, length 36 cm

Optional Suction Tube Accessories

30804  **Handle with Trumpet Valve**, for suction or irrigation, autoclavable, for use with 5 mm coagulating suction tubes, 3 and 5 mm suction and irrigation tubes

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

62432501  
**CO₂ ENDO-ARTHROFLATOR-VET,**  
power supply 100-240 VAC, 50/60 Hz,  
including:  
Silicone Tubing Set, sterilizable  
Universal Wrench  
Gas Filter, sterile, package of 10

The pressure hose and CO₂ bottles must be ordered separately

62120J  
**VERESS Pneumoperitoneum Needle,**  
with spring-loaded blunt stylet, LUER-Lock,  
autoclavable, diameter 2.1 mm, length 10 cm
Electrosurgery

AUTOCON® III VET

The AUTOCON® III VET is a versatile electrosurgical unit that can be used in bipolar or unipolar mode for a variety of surgical procedures. It delivers precise coagulation and cutting in both endoscopic and open procedures.

KARL STORZ provides AUTOCON® III VET with an assortment of instruments for use in a wide range of veterinary applications.

UH301E  AUTOCON® III VET, BIVASCULAR, power supply 220-240 VAC, 50/60 Hz, including mains cord

HF connecting sockets unipolar:
1x 3-pin US type
1x 5 mm connector KARL STORZ/Erbe VIO

HF connecting sockets bipolar:
1x 2-pin US type (28.58)
2x KARL STORZ/Erbe VIO

Connecting socket:
Neutral electrode 2-pol

Can be integrated into OR1™ with KARL STORZ OR1™ SCB control WU300

System requirements: SCB R-UI Software Release 20090001-46 or higher

UH301U  Same, power supply 100-127 VAC, including mains cord, US version

Instrument for Vessel Sealing

60651VS  BIVASCULAR VET, laparoscopic ligation instrument, single action jaws, size 5 mm, length 34 cm, sterile, for single use, package of 5

UF902  Two-Pedal HF Footswitch, with button for switchover function, for use with HF generators

See ENDOWORLD® VET 42 AUTOCON® III VET for a full range of instruments and high frequency cords for use with the AUTOCON® III VET
Connecting Cable for use with Unipolar Instruments

26005M  
**Unipolar High Frequency Cord**, with 5 mm plug, length 300 cm, for use with AUTOCON® II 400 SCB system (111, 115, 122, 125), AUTOCON® III 300/400, AUTOCON® II 200, AUTOCON® II 80, AUTOCON® system (50, 200, 350), AUTOCON® III VET, Erbe type ICC and Erbe VIO 300.

Neutral Electrode for use with Unipolar Instruments

27805  
**Neutral Electrode**, made of conductive silicone, with 2 rubber ties for fastening, contact surface $A = 500 \text{ cm}^2$, for use with AUTOCON® (200, 350), AUTOCON® II 400 (111, 115), (Connecting Cable 27806), AUTOCON® III 400/AUTOCON® III 300 (Connecting Cable 27806UR), AUTOCON® III VET

27806UR  
**Neutral Electrode Connecting Cable**, for use with Neutral Electrode 27805

Connecting Cable for use with ROBI PLUS® Instruments

26176LE  
**Bipolar High Frequency Cord**, length 300 cm, for use with AUTOCON® III 300/400, AUTOCON® II 400 SCB series (111, 113, 115, 122, 125), AUTOCON® II 200, AUTOCON® II 80, Coagulator 26021B, 26021C, 26021D, 860021B, 860021C, 860021D, 27810B, 27810C, 27810D, 28810B, 28810C, 28810D, AUTOCON® series (50, 200, 350), AUTOCON® III VET, Erbe-Coagulator, T and ICC series
Suction and Irrigation Device

The VETPUMP® 2 suction and irrigation device makes abdominal and thoracic lavage easier than ever before.

More powerful, more precise and safer than other units, the VETPUMP® 2 is the ultimate device for flushing and suction during otoscopy, gastroscopy, laparoscopy and more.

69321601  VETPUMP® 2, adjustable suction-irrigation pump, power supply: 100/120/230/240 VAC, 50/60Hz including:
- Mains Cord, EU-version
- Mains Cord, US-version
- Irrigation Bottle Holder
- Suction Bottle Holder
- Irrigation Bottle
- Suction Bottle
- Bottle Cap, for irrigation bottle
- Bottle Cap, for suction bottle
**VETPUMP® 2 Accessories for Abdominal/Thoracic Lavage**

- **Silicone Tubing Set**, irrigation-suction from unit to bottles, **autoclavable**
  - 69320033

- **Instrument Tubing Set, autoclavable**, to connect VETPUMP® 2 bottles to Handle 37112A
  - 69811

- **Handle**, straight, with clamping valve, for suction and irrigation, **autoclavable**, for use with 5 and 10 mm suction and irrigation tubes
  - 37112A

- **Adaptor**, package of 5, for use with Handle 37112A for suction and irrigation as well as Instrument Tubing Set 69811
  - 69811LAP

- **Gas Filter**, for single use, with male LUER-Lock connector for attachment to irrigation connector on unit, sterile, package of 10
  - 031121-10