



large animal


AURORA
XP



AURORA XP™ Flexible Endoscopy

Engineered for the Power of the Patient. Trusted by Equine Professionals.

In equine practice, endoscopy isn't just a diagnostic tool—it's a cornerstone of care. From dynamic airway exams to gastric assessments and beyond, the clarity and reliability of your imaging system can directly impact clinical outcomes.

AURORA XP™ Flexible Endoscopy Solutions are built for the demands of equine medicine. With high-definition imaging, precision-engineered scopes, and features that streamline your workflow in both field and hospital settings, this platform delivers the differentiation that matters—where it matters most.

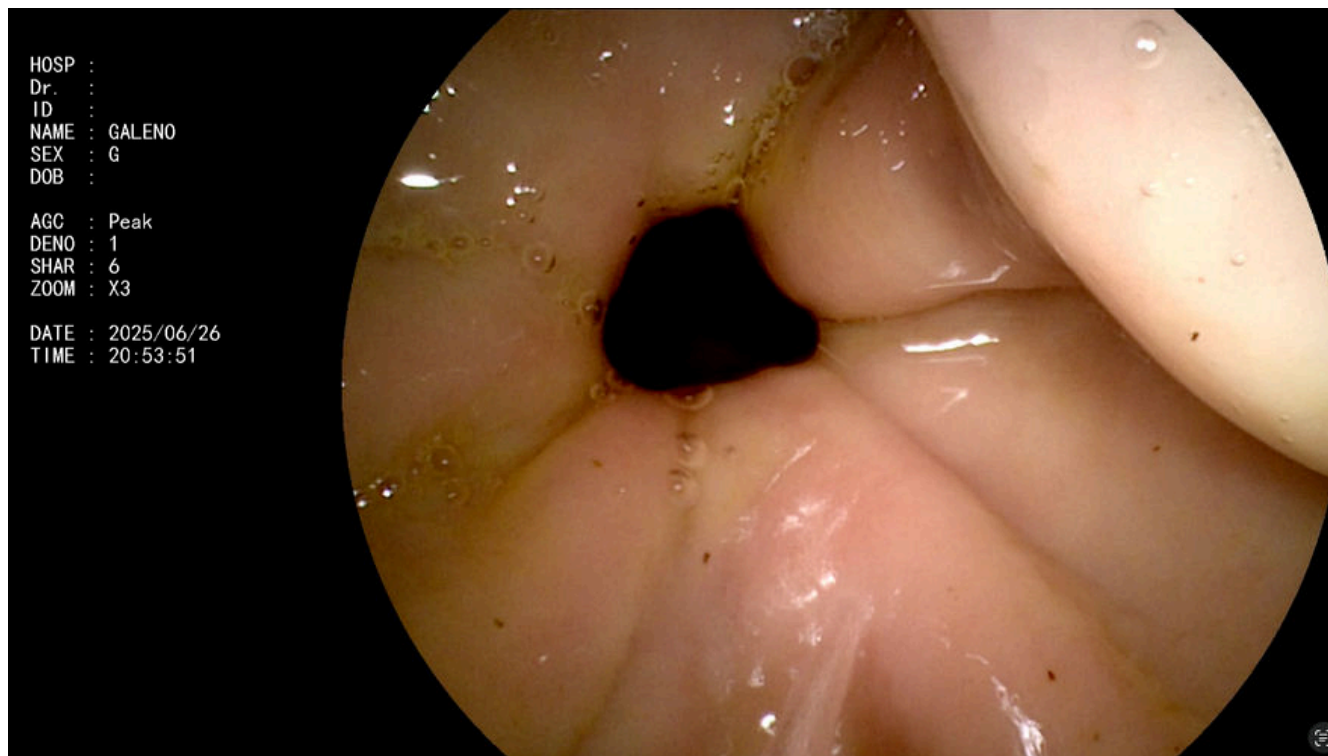
At Rutledge Medical, enhancing your vision isn't just our mission—it's our commitment to your patients, your practice, and the future of equine care.

A full-page background image showing a horse running in a grassy field at sunrise. The sun is low on the left, creating a strong lens flare and illuminating the scene with a warm, golden light. Several trees with autumn-colored leaves are scattered across the field. A fence line runs across the middle ground.

advancing equine medicine

Image Definition That Is Unmatched

AURORA XP



See More. Miss Less.

With 90 frames per second, the AURORA XP minimizes rolling shutter artifact (RSA) and eliminates the ghosting effects common in lower-resolution systems—providing a stable, true-to-life image, even during rapid scope movement.

Unlike many systems that downgrade resolution during capture, AURORA XP records in the same 1080p high-definition you see in real time—preserving every detail without compromise.

At its core is a CMOS chip-on-tip sensor with millions of pixels, delivering exceptional image clarity and precision far beyond standard-definition endoscopes, which often operate below 500,000 pixels. This advanced imaging power enhances tissue visualization, improves lesion detection, and supports more confident clinical decisions—so nothing gets missed.

2 Million

Pixels

Endoscopes For All Animals

AURORA XP

Precise optical diagnosis is key to evaluating lesions—helping predict histology, guide treatment decisions, and determine appropriate follow-up intervals with greater accuracy.



Advanced Visualization Components

Our proprietary depth-of-field technology seamlessly blends near and distant focal points into a single, clear image—delivering a broader field of sharp focus. The result: enhanced clarity, enriched detail, and consistent visualization across the entire viewing plane, no matter the working distance.

All **AURORA XP™** flexible scopes are engineered to deliver high-performance imaging and procedural efficiency. With the ability to focus as close as 2mm and equipped with spacious instrument channels, these scopes provide the clarity and access needed for advanced diagnostics and intervention.

Now enhanced with an integrated forward water jet, the system improves visibility during procedures—clearing the field with precision and supporting better outcomes with every pass.





HOSP : BVH - SALADO
Dr. : YOUNGBLOOD
ID : 1234567
NAME : JACK
SEX : G
DOB :

AGE : Average
DEMO : 0
SNAR : 3
ZOOM : X3

DATE : 2024/07/30
TIME : 02:00:16

Endoscopy System
components

Accelerating You To Better Diagnosis

AURORA XP

XP-2 Clinical LED FHD Video Processor

Technology That Keeps You Focused on the Patient

As emerging leaders in veterinary imaging, Rutledge Medical is committed to continuous innovation—because better tools lead to better outcomes. The AURORA XP introduces advanced imaging technologies, enhanced optics, and intuitive features designed to move your practice forward with clarity and confidence.

TrueColor™ FHD Visualization

- Real-time 1080p high-definition image quality
- 8x digital enhancement for precision at any depth
- Dual 50W LED light source provides true white light—comparable to 300W xenon

Integrated Patient & Capture Management

- Still image and video capture directly from the scope handle
- Files saved in FHD JPEG and MOV formats
- Pre-load up to 30 patient profiles for faster case turnover and smoother workflows

AURORA XP™ is more than a video system—it's a clinical platform built to carry your practice into the next decade, with the clarity and control equine specialists rely on.



Accelerating You To Better Diagnosis

AURORA XP

XP-2P Portable LED FHD Video Processor

Precision in the Field. Clarity on the Move.

We've redefined portable HD endoscopy—delivering sharper visuals, smarter controls, and a streamlined design that empowers veterinarians to deliver high-quality diagnostics anywhere, from clinic to barn.

Built for flexibility without compromise, **AURORA XP** brings high-definition imaging, robust air insufflation, and fully integrated patient management into a lightweight, mobile platform—expanding your reach while maintaining the standard of care your clients expect.

Visualize with Confidence

- True 1080p FHD resolution at 90 frames per second
- 40% more air flow with enhanced insufflation pump
- 16-programmable functions on a customizable 3rd scope button
- Automatic multi-polar white balance for fast, accurate color correction

Streamlined Patient & Media Capture

- Still and video capture directly from the scope handle
- Stores as FHD JPEG and MOV files
- Pre-load up to 15 patient profiles for rapid workflow
- USB-A onboard storage for simple, universal access



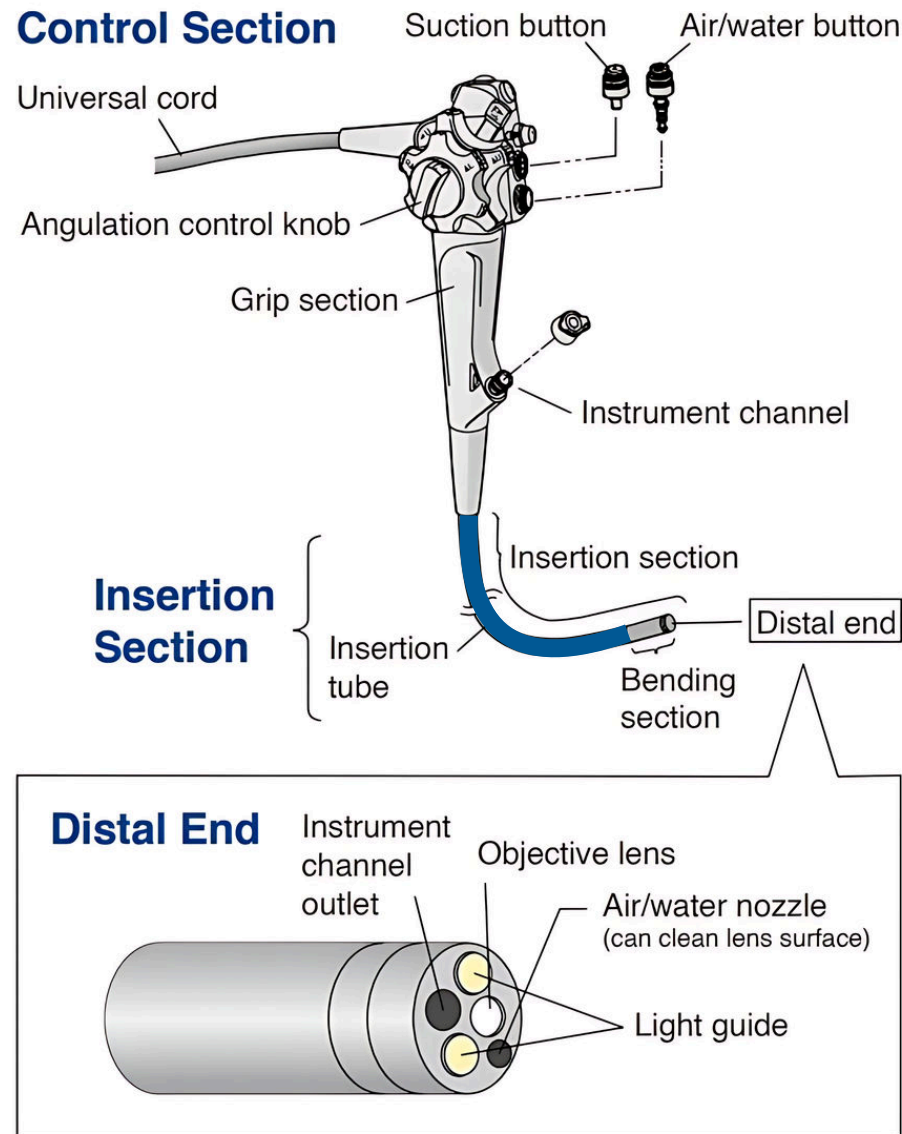
**LED
INSIDE**

**2K
QUAD HD**



Graduated Stiffness™ Technology

AURORA XP



Our patent-pending Graduated Stiffness™ feature—highlighted in blue—uses reinforced internal construction to maintain a firmer, more stable scope as you approach the bending section. This added rigidity enhances control and insertability, making it easier to navigate to the pylorus and, in most patients, all the way to the duodenum.

Engineered with large animal practitioners in mind, this technology improves reach without sacrificing maneuverability—supporting more complete exams and better outcomes.

As an added benefit, the scope's reinforced construction helps maintain directional control as it passes through the nasopharynx in equine patients. The Graduated Stiffness™ design resists curling or deflecting back into the mouth—where bite risk is highest—reducing potential damage and costly repairs, while supporting safer, more controlled scope advancement.

Accessing the guttural pouch requires stability, precision, and control—especially when working around delicate structures. The Graduated Stiffness™ in our endoscope provides just the right amount of support as you advance, helping maintain scope shape and direction during insertion.

This subtle rigidity allows for smooth, controlled access to the guttural pouch—without curling or collapsing—making procedures more efficient and reducing the risk of scope damage or patient discomfort.

NOTE: Graduated Stiffness™ Is Not Included On Endoscopes Smaller Than 8.3mm. It Is Not Available For Use With The XP-VS1200 or the 100 Series Specialty Scopes.

XP-VS3500 FHD Equine Gastroscope

AURORA XP



The world's longest fully 1080p high-definition endoscope is here—redefining what's possible in equine gastroenterology. Built with our signature Graduated Stiffness™ for intuitive handling, this scope is earning global recognition for its ability to reach the pylorus in even the most challenging cases—often cutting procedure time by 30 minutes or more.

Engineered for efficiency, all functions are controlled directly from the scope handle, and the addition of a dedicated forward water jet means no more clumsy syringes or BP cuff pumps. Our new biopsy port insufflation adapter allows for seamless integration with any suction tubing—delivering consistent, controlled insufflation and irrigation without the need for extra hands.

This isn't just an endoscope—it's a next-generation solution, built for the demands of equine specialists who won't compromise on reach, image clarity, or control.

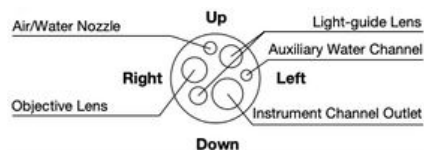
Specifications

Optical System

<u>Field of View:</u>	<u>140°</u>
<u>Direction Of View:</u>	<u>Forward</u>
<u>Depth Of Field:</u>	<u>3-100</u>

Insertion Section

<u>Distal End Diameter:</u>	<u>12.9mm</u>
<u>Distal End Enlarged:</u>	



<u>Insertion Tube Diameter:</u>	<u>12.0mm</u>
<u>Working Length:</u>	<u>3500mm</u>

Instrument Channel

<u>Inner Diameter:</u>	<u>3.4mm</u>
<u>Water Jet Diameter:</u>	<u>2.0mm</u>

Bending Section

<u>Up/Down:</u>	<u>180°</u>
<u>Left/Right:</u>	<u>160°</u>
<u>Depth Of Field:</u>	<u>3-100</u>

Pixel Count

2.0 Million



XP-VS1500 FHD Video Endoscope

AURORA XP



The Aurora XP 1.6M Video Endoscope is purpose-built for equine specialists, yet remarkably versatile for small animal and mixed-practice use. Its slim profile, spacious working channel, and 1.6-meter length allow you to access deeper anatomical regions—from the distal airway to the urinary bladder, and even into the reproductive tract—with precision and control.

Equipped with Graduated Stiffness™ Technology, this scope provides just the right amount of support during insertion—flexible enough for delicate navigation, yet firm enough to maintain direction during challenging procedures. Whether you're managing deep intestinal access or navigating complex gynecologic cases, it's a resilient, high-performance tool designed to go where others can't—and do more when it gets there.

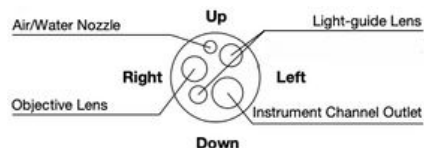
Specifications

Optical System

<u>Field of View:</u>	<u>140°</u>
<u>Direction Of View:</u>	<u>Forward</u>
<u>Depth Of Field:</u>	<u>3-100</u>

Insertion Section

<u>Distal End Diameter:</u>	<u>8.3mm</u>
<u>Distal End Enlarged:</u>	<u>VS1500</u>



<u>Insertion Tube Diameter:</u>	<u>8.0mm</u>
<u>Working Length:</u>	<u>1600mm</u>

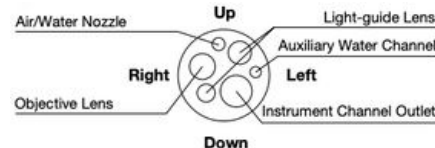
Instrument Channel

<u>Inner Diameter:</u>	<u>2.8mm</u>
------------------------	--------------

Bending Section

<u>Up:</u>	<u>210°</u>
<u>Down:</u>	<u>90°</u>
<u>Left/Right:</u>	<u>100°</u>

<u>Distal End Diameter:</u>	<u>8.8mm</u>
<u>Distal End Enlarged:</u>	<u>VS1500J</u>



<u>Insertion Tube Diameter:</u>	<u>8.6mm</u>
<u>Working Length:</u>	<u>1600mm</u>

Pixel Count

2.0 Million



XP-VS1000 FHD Video Endoscope

AURORA XP



The Aurora XP 1M Video Endoscope is designed with surgical precision in mind, combining 1.8 million-pixel high-definition imaging with a compact, intuitive form factor. Its 1-meter length offers excellent maneuverability—ideal for laryngeal procedures and other confined anatomical areas—while delivering crisp, detailed visuals that support confident diagnostics and treatment.

With a balance of clarity, control, and ease of use, this scope enhances procedural efficiency and elevates the overall surgical experience—making it a smart, reliable addition to any surgeon's toolkit.

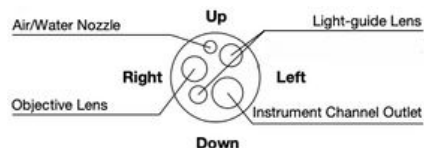
Specifications

Optical System

<u>Field of View:</u>	<u>140°</u>
<u>Direction Of View:</u>	<u>Forward</u>
<u>Depth Of Field:</u>	<u>3-100</u>

Insertion Section

<u>Distal End Diameter:</u>	<u>8.3mm</u>
<u>Distal End Enlarged:</u>	<u>VS1000</u>



<u>Insertion Tube Diameter:</u>	<u>8.0mm</u>
<u>Working Length:</u>	<u>1100mm</u>

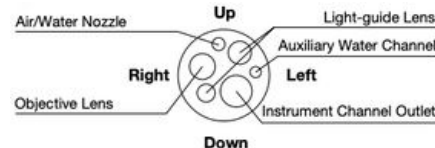
Instrument Channel

<u>Inner Diameter:</u>	<u>2.8mm</u>
------------------------	--------------

Bending Section

<u>Up:</u>	<u>210°</u>
<u>Down:</u>	<u>90°</u>
<u>Left/Right:</u>	<u>100°</u>

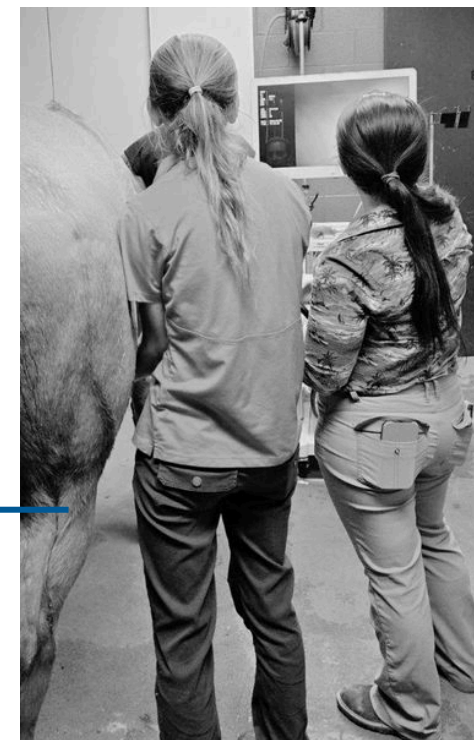
<u>Distal End Diameter:</u>	<u>8.8mm</u>
<u>Distal End Enlarged:</u>	<u>VS1000J</u>



<u>Insertion Tube Diameter:</u>	<u>8.6mm</u>
<u>Working Length:</u>	<u>1100mm</u>

Pixel Count

2.0 Million



XP-VS1200 FHD Video Endoscope

AURORA XP



Our smallest video endoscope is purpose-built for navigating narrow airways—making it an ideal solution for use in foals and other young or small patients. With a diameter comparable to a human bronchoscope and full 4-way angulation, it provides exceptional maneuverability in tight anatomical spaces.

Despite its slim profile, the scope features a generous 2mm instrument channel, offering greater therapeutic capability than most scopes in its class. A weighted distal tip enhances control by using gravity to assist with advancement—reducing strain and improving scope handling during delicate airway exams.

Whether you're managing dynamic upper airway evaluations or early-life respiratory cases, this scope offers the clarity, reach, and control required for confident intervention.

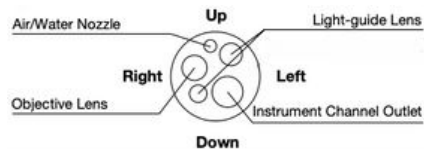
Specifications

Optical System

<u>Field of View:</u>	<u>140°</u>
<u>Direction Of View:</u>	<u>Forward</u>
<u>Depth Of Field:</u>	<u>3-100</u>

Insertion Section

<u>Distal End Diameter:</u>	<u>6.3mm</u>
<u>Distal End Enlarged:</u>	



<u>Insertion Tube Diameter:</u>	<u>5.9mm</u>
<u>Working Length:</u>	<u>1200mm</u>

Instrument Channel

<u>Inner Diameter:</u>	<u>2.0mm</u>
------------------------	--------------

Bending Section

<u>Up:</u>	<u>210°</u>
<u>Down:</u>	<u>90°</u>
<u>Left/Right:</u>	<u>100°</u>

Pixel Count

2.0 Million



Equine PERIOCAM™

AURORA XP

High Definition Equine Dentistry



- No Camera Head
- No Light Cable
- No Extra Hardware
- The World's Highest Definition Dental Scope
- Image Inverter Trigger from Scope
- Portable or Use In The Clinic
- Video/Image Capture Triggers from Scope

XP-VS70PER Equine PERIOCAM™

Optical System

<u>Field of View:</u>	140°
<u>Direction Of View:</u>	70°
<u>Depth Of Field:</u>	3-100

Insertion Section

<u>Distal End Diameter:</u>	10.0mm
<u>CCD Chip:</u>	At The Tip
<u>Working Length:</u>	450cm

Capabilities

<u>Video/Image Capture:</u>	Buttons On Scope
-----------------------------	------------------

Pixel
Count

2.0 Million



How Does The AURORA XP Compare?

Scope By Scope



Advanced Monitors



	XP-2P	Telepack	USB	MDS-OR-160	EFP-1
Processor	XP-2P	Telepack	USB	MDS-OR-160	EFP-1
Scope	XP-VS3500	60332NKSK	TV-577	VET-1335	Disposable
Length	350cm	325cm	350cm	350cm	330cm
Diameter	12.8mm	13mm	12.6mm	13mm	13mm
Angulation	180 U/D 160 L/R	140 U/D 120 L/R	180 U/D 160 L/R	180 U/D 100 L/R	180 U/D 160 L/R
Channel	3.4mm	3.4mm	2.8mm	3.7mm	3.2mm
Monitor	12" FHD	18" FHD	Laptop/Tablet	Laptop	17" FHD
Scope Resolution	1080p FHD	Standard Definition	720i	720p	1080p FHD
Forward Water Jet	✓	✗	✓	✗	✓
Patient Info	✓	✓	✗	✓	✓
Weight	8 lbs.	15 lbs.	12 lbs.	8 lbs.	33 lbs.*

*processor is fully self contained with suction, Co2 and Air/Water

Accelerating You To Better Diagnosis

AURORA XP

Accessories

Instruments, Carts, Storage and Reprocessing



Cart Solutions

Equipment Mobility



Dimensions	110 cm x 46.2 cm
Illumination	LED Backlight
Power Control	Single Switch ISO
Integrated Scope Holders	Dual
Monitor Arm Support	Up to 27 lbs / 32" Display
Casters	4 Silent, 5.5" Diameter
Drawer System	EZ Glide, Silent Operation
Cable Management	Integrated Cable Rails
Adjustable Shelves	2

Designed to elevate your Aurora XP workflow, the **XP-C1** cart blends a slim profile with rugged capability—delivering quiet, efficient support without adding clutter to the clinical environment. Thoughtfully engineered to reduce repair costs and maximize utility, it's the workstation your endoscopy deserves.

Built by **EndoRaxx**, a name trusted for durability and rugged construction in medical environments.

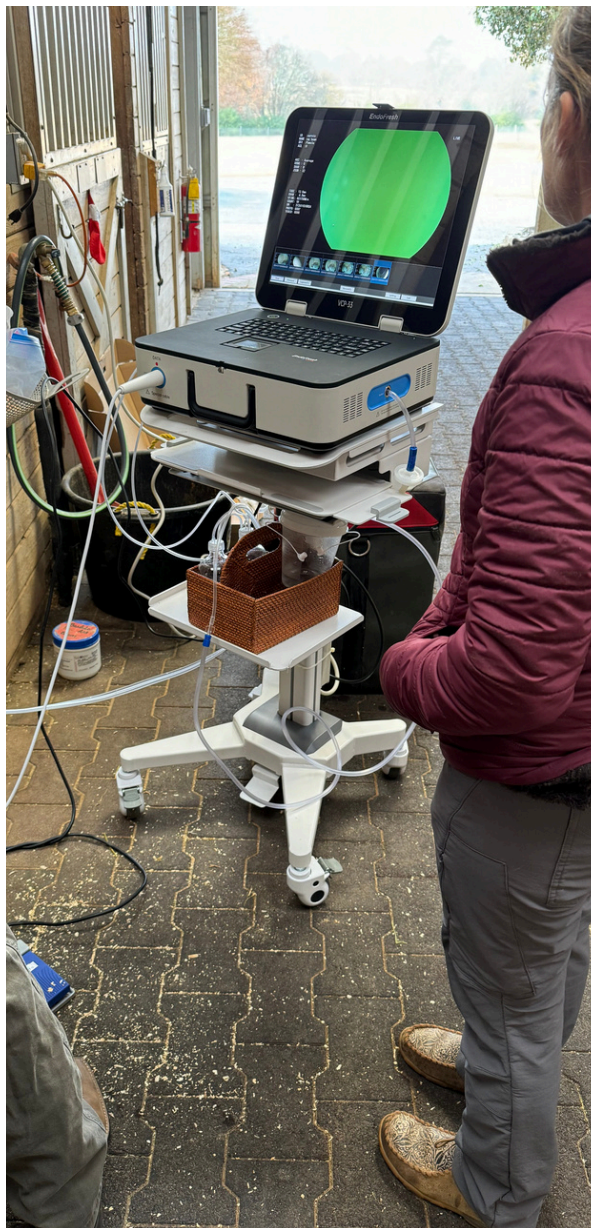
The XP-C1 supports all Rutledge Medical systems with ease—ensuring compatibility while optimizing your footprint. A full suite of modular accessories keeps your most-used tools right where you need them, so you can focus on patient care—not setup logistics.

Built by:



Cart Solutions

Equipment Mobility



XP-C2 Supertrolley Series

Compact. Capable. Clinic-Ready.

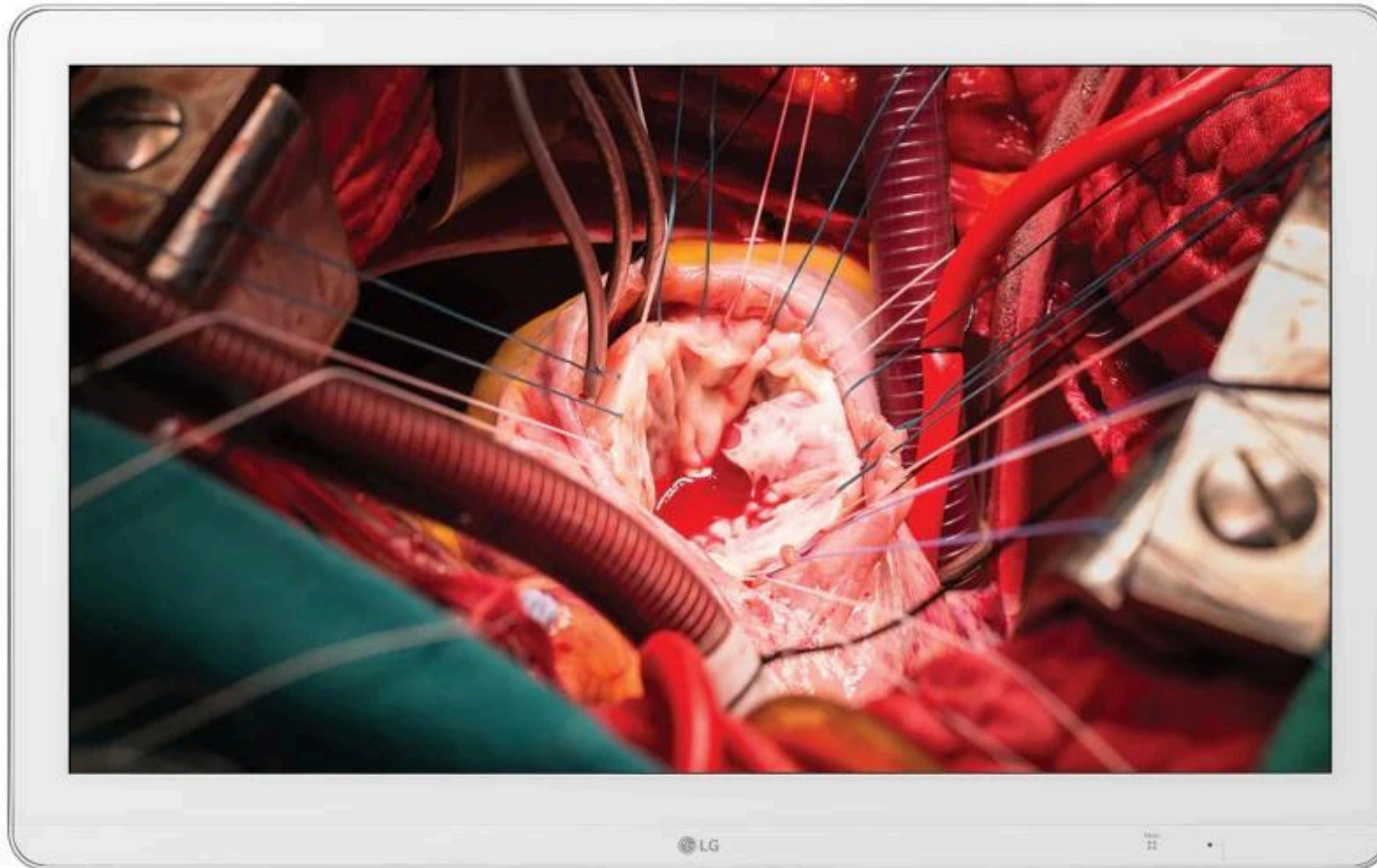
The XP-C2 Supertrolley is purpose-built to support the XP-2P Portable Video Processor and PERIOCAM platforms—delivering essential mobility and streamlined organization in a compact footprint. With a 100cm x 24cm profile, it saves floor space while offering efficient load capacity for tight clinical workflows.

Designed for quiet performance and smooth operation, the XP-C2 features EZ Glide™ drawers, silent casters, and a single-switch power strip for quick system access. The adjustable shelf and 27lb-rated monitor arm support make it adaptable to your preferred setup.

Compatible with a full range of attachable accessories, the XP-C2 keeps your most-used components close at hand—so you can stay focused on patients, not equipment.

Built by:





27" FHD Surgical Display

PANEL

Panel Type	IPS + Glass
Native Resolution	1920 x 1080
Display Colors	10bit/ sRGB 115%(Deep Red)
Brightness	1000 cd/m2 (Typ.)
Contrast Ratio	1,000:1 (Typ.)

VIDEO SIGNALS

Input Terminals	HDMI(1.4) x 1, S-Video x 1, 3G-SDI x 1, DVI-I x 1 (Compatible with D-sub & Component via adapter)
Digital Scanning Frequency (H/V)	HDMI, DVI-D: 30-83kHz/ 56-61Hz/ 56-61Hz

USB

Function	1 upstream, 1 downstream (For calibration)
----------	--

POWER

Power Requirements	100-240Vac, 50/60Hz
Power Management	0.3W



Fluid Management

Irrigation Fluid Control

EI-500 EndoIrrigator Pump



- Lightweight, compact design; fits most tower-style endoscopy carts
- Compatible with any luer lock system; vendor neutral (Olympus, Storz, Fujifilm, etc.)
- Alcohol wipe-cleanable with optional tubing sold separately
- Electronic pressure sensing with footpedal-activated flow (up to 500 mL/min)
- Reversible peristaltic drive with EZ-load pump head
- Continuous flow and pre-programmable dosing modes
- Bottle holder supports standard 4" BAXTER-style bottles
- Optional additional tubing configurations available

*Compatible With Most
Endoscopic Irrigation
Tubing Sets and Bottles*

ARTEMIS™ Animal Health

Endoscopic Pathology Accessories

endoscopes.vet/shop  **Artemis**
animal healthcare



DUNCAN Roth Style Retrieval Basket

2.4mm dia | 5 in basket | 2300mm long



DUNCAN Rat Tooth Style Retrieval Forceps

1.8mm/2.4mm dia | 5 in basket | 2300mm long



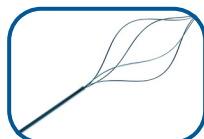
DUNCAN Pronged Retrieval Device

1.8mm/2.4mm dia | 5 in basket | 2300mm long
4 and 5 prong available



WRANGLER Retrieval Snare

2.4mm dia | large oval snare | 2300mm long



DUNCAN Metal Retrieval Basket

2.4mm dia | 6mm basket | 2300mm long

Artemis Animal Health is your trusted source for high-quality endoscopy accessories designed specifically for foreign body retrieval. From graspers and retrieval baskets to suction adapters and multi-modality tools, we offer a full range of reliable instruments compatible across platforms. Built for performance and precision, our accessories help you retrieve more—faster, safer, and with fewer complications.



GRIZZLY Biopsy Forceps Needle

1.8-2.4mm dia | 180-230cm long



GRIZZLY Gator Jaw Forceps

2.4mm dia | 230cm long



GRIZZLY Biopsy Forceps Smooth

1.8-2.4mm dia | 180-370cm long



TYPHOON Automated Endoscope Reprocessor

Automate The Disinfection Process

15 Minutes. Zero Leaks. Total Confidence.

Meet the future of veterinary biosecurity. The **TYPHOON™** sets a new standard with **a complete 15-minute cycle** and **built-in automatic leak testing**—delivering unmatched speed and safety in endoscope reprocessing.

- **Automatic Leak Testing** safeguards your scope during every cycle
- **Industry-leading 15-minute turnaround** maximizes throughput
- **Sterile Water in every cycle** with a 3-step + UV filtration system
- **Air Dry and alcohol purge** automatically
- **Touchscreen interface** ensures intuitive, hassle-free operation
- **Precision dosing** reduces chemical waste and extends scope life
- *Available for two scopes in one machine*

Designed for clinics that demand efficiency without compromise, **TYPHOON™** keeps your team moving and your equipment protected—so you can focus on patient care, not reprocessing.



Endoscope Storage Solutions

Racks, Cases and Cabinets



ENDORAXX

- Available in premium powder-coated steel or clear acrylic, our 3-scope wall hangers offer clean, durable storage
- Single-scope holders feature padded arms to protect delicate components
- Installs easily with a standard cordless drill—*no specialty tools required*
- Custom cabinets available with options like UV/LED disinfection, key fob locks, powered ventilation, custom graphics, and more

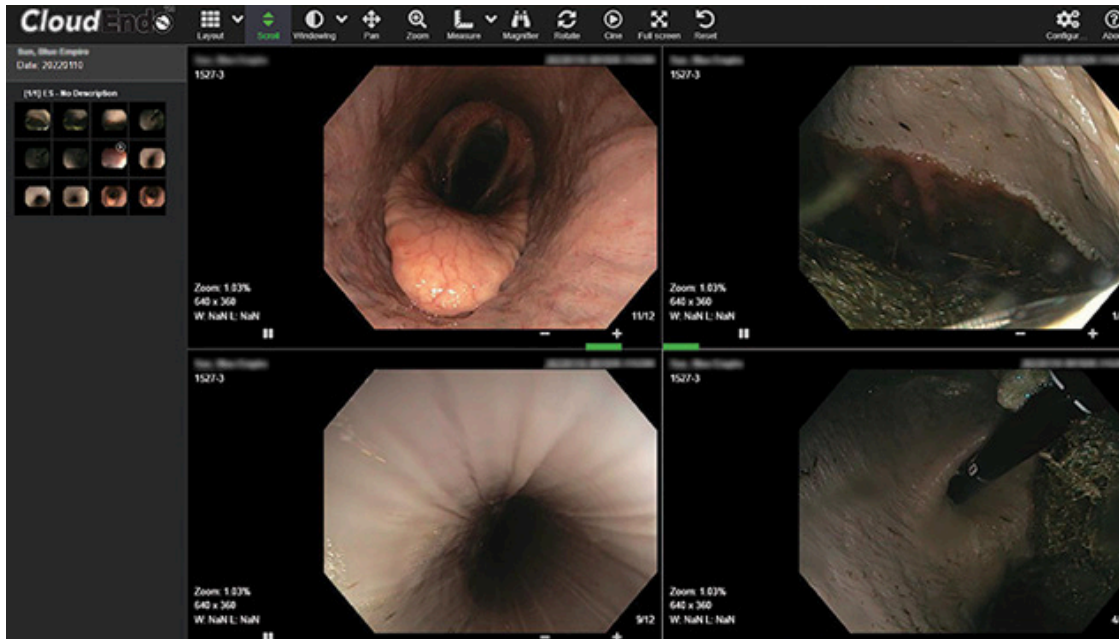


PELICAN™



Image Management

Video, Still Image and Reporting Systems



A fully cloud-based PACS replacement. The system can automatically ingest all images generated in your facility, store them, offer portals for referring veterinarians *and* clients to retrieve images, videos and reports. The integrated report writer makes your notes simple.

This software is completely vendor neutral.



smart beam

TECHNOLOGY

Take images and videos straight from your endoscopy system and air drop or SMS your media to patient owners, trainers, and referring veterinarians instantly after your procedure. Compatible with both Apple and Android devices.



Better Patient Outcomes

for the love of animals



rutledge

2828 E 51st Street
Suite 302
Tulsa, Oklahoma 74105

+1 (888) **ENDOVET**
@thescopeguys - ig, fb, x
endoscopes.vet

The contents herein are not approved by the U.S. Food and Drug Administration (FDA) for use in human medicine. These products are intended for veterinary use only.

