



large animal/equine



Rutledge Medical AURORA XP™

Flexible Endoscopy Solutions for Veterinary Medicine

Delivering Differentiation That Matters to support your clinical and efficiency goals.

It's central to every endoscopic procedure you perform—whether you rely on it as a primary diagnostic tool or as the critical pathway to treatment. That's why using thoughtfully engineered tools, which deliver both superior image quality and exceptional procedural efficiencies, is essential.

Rutledge Medical AURORA™ Flexible Endoscopy Solutions are designed with one guiding purpose, to deliver product and procedural differentiation that matters, supporting the care you provide your patients.

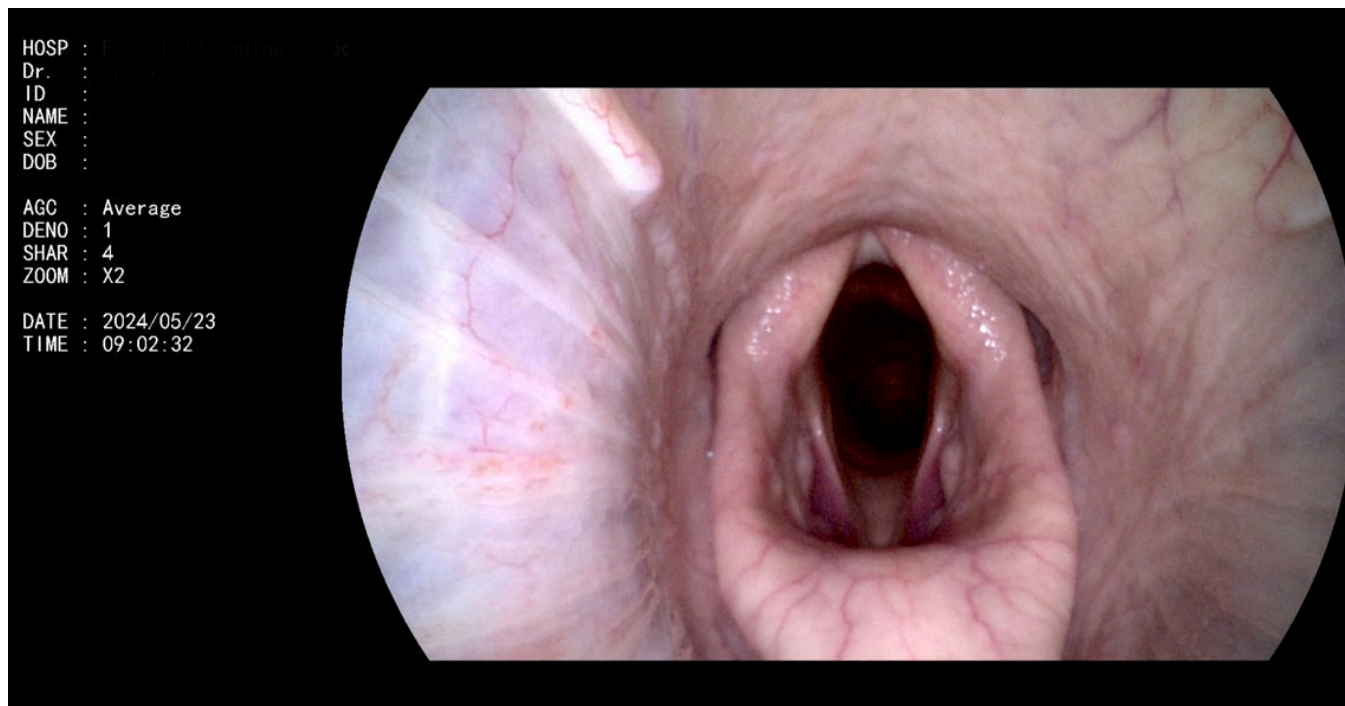
At Rutledge Medical, enhancing your vision is our FOCUS.

A full-page background image showing a horse running across 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 and in the background. A fence line runs across the middle ground.

advancing equine medicine

Image Definition That Is Unmatched

AURORA XP



90 Frames Per Second Reduces Rolling Shutter Artifact (RSA) And The 'Ghosting' Effect Seen In Many Lower Resolution HD Systems.

The AURORA XP Records Videos and Images In The Same Resolution As What You See On The Screen, 1080p HD. When Most Of The Competitors Don't.

Having millions of pixels in the video chip at the tip of an endoscope signifies exceptional image clarity and precision, crucial for accurate diagnostics. This image processing capability ensures more detailed visualization of tissues and structures compared to standard high-resolution (SD) endoscopes, which typically have less than 500k pixels. High-definition images enhance the ability to detect minute abnormalities, improving clinical outcomes and patient care.

1.8 Million

Pixels

Endoscopes For All Animals

AURORA XP

Precise optical diagnosis plays a critical role in evaluating lesions, aiding in determining the potential histology and subsequently influencing therapy decisions and appropriate patient surveillance intervals.



Advanced Visualization Components

Our distinctive technology managing the depth of field, merges images from close and distant views to produce a broader depth of field when it gets to your screen. This enhances clarity and enriches detail across the entire image, ensuring exceptional observation with consistent wide focusing.

All scopes now come with thinner insertion tube diameters, ensuring enhanced insertability and reduced patient discomfort while maintaining performance.

Despite the slimmer design, these scopes can focus down to 2mm and include spacious instrument channels. Additionally, our new water jet function enhances observation and treatment capabilities effectively.



Endoscopy System components



HOSP : EYEH - SALADO
Dr. : YOUNGBLOOD
ID : 1234567
NAME : JACK
SEX : G
DOB :
AGE : Average
DEMO : 0
SHAR : 3
ZOOM : X3
DATE : 2024/07/30
TIME : 02:00:16

Accelerating You To Better Diagnosis

AURORA XP

XP-2 Clinical LED FHD Video Processor

As Emerging Leaders In Animal Health, We Strive To Continually Improve On Our Technology For Better Patient Outcomes.

The AURORA XP Introduces New Technologies To Enhance Patient Care. With Improvements In Optics, Image Processing And More, It's Poised To Carry Your Practice Into The Next Decade.

Visualize Success

True Color™ FHD Visualization

- Excellent, real-time 1080p image quality
- Image enhancement up to 8x
- Dual 50W LED generates true white light equivalent to 300W xenon

Patient and Capture Management

Full Data Capture

- Video and still image capture built into scope controls
- Stored as FHD JPEG and MOV video files
- Pre-populate data for up to 30 patients in advance



Accelerating You To Better Diagnosis

AURORA XP

XP-2P Portable LED FHD Video Processor

We've revolutionized portable HD endoscopy with sharper visuals and streamlined design, ensuring better diagnostics and patient outcomes wherever you practice.

Portable endoscopy empowers veterinarians to bring advanced diagnostics directly to their patients. With high-definition imaging and compact design, it ensures exceptional care in any setting. Ideal for clinics or field visits, portable endoscopy expands access and elevates patient outcomes, enhancing your practice's reach and precision.

Visualize Details

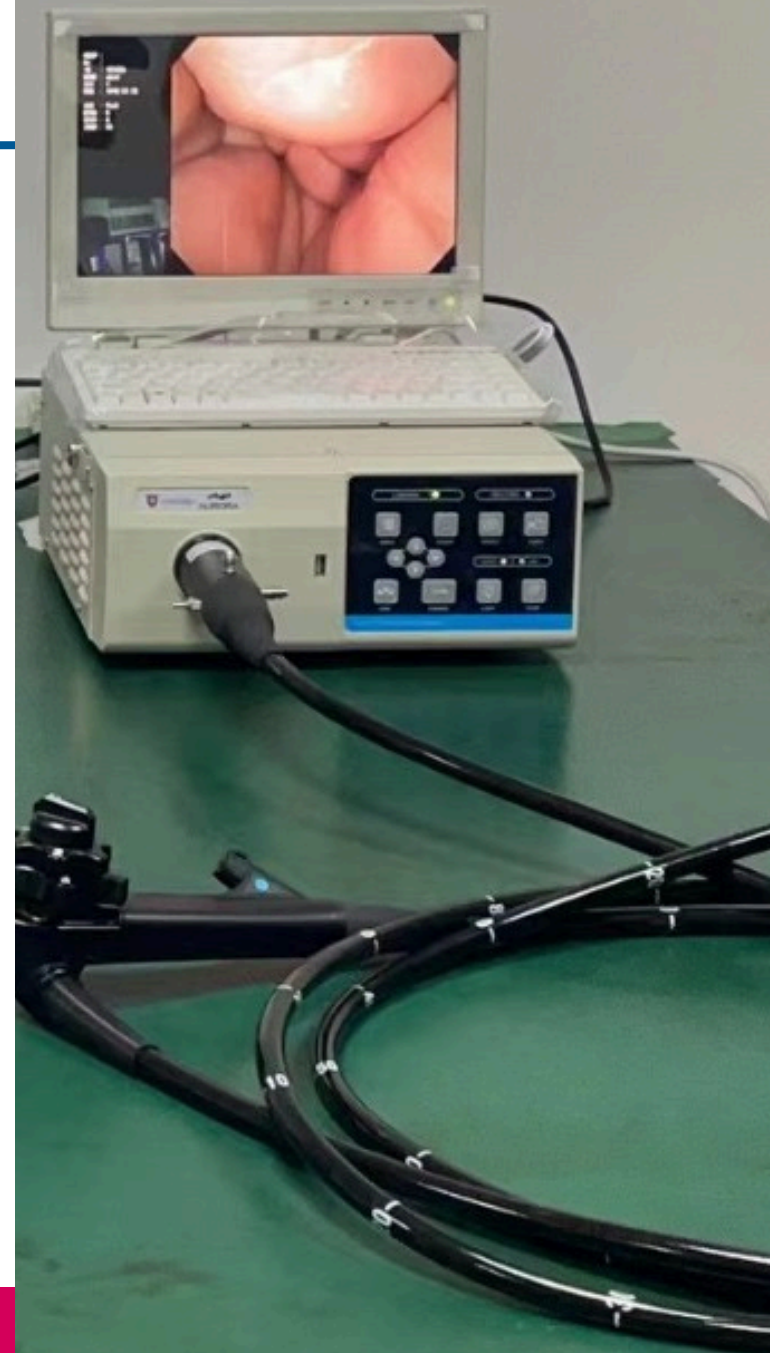
Clear 1080p FHD Visualization

- Excellent, real-time 90 FPS image processing
- Enhanced air insufflation pump pushing 40% more air
- Programmable 3rd command button on scope - 16 options
- Automatic multi-polar white balance

Patient and Capture Management

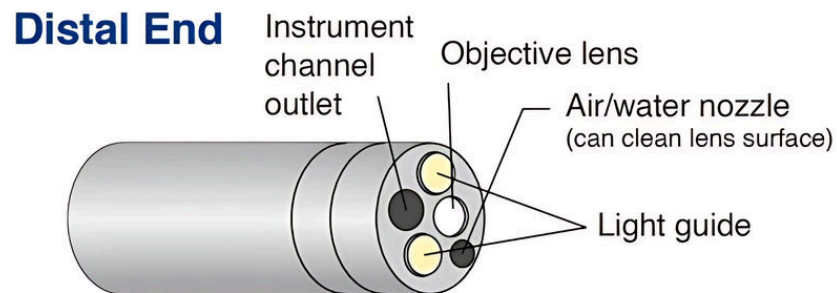
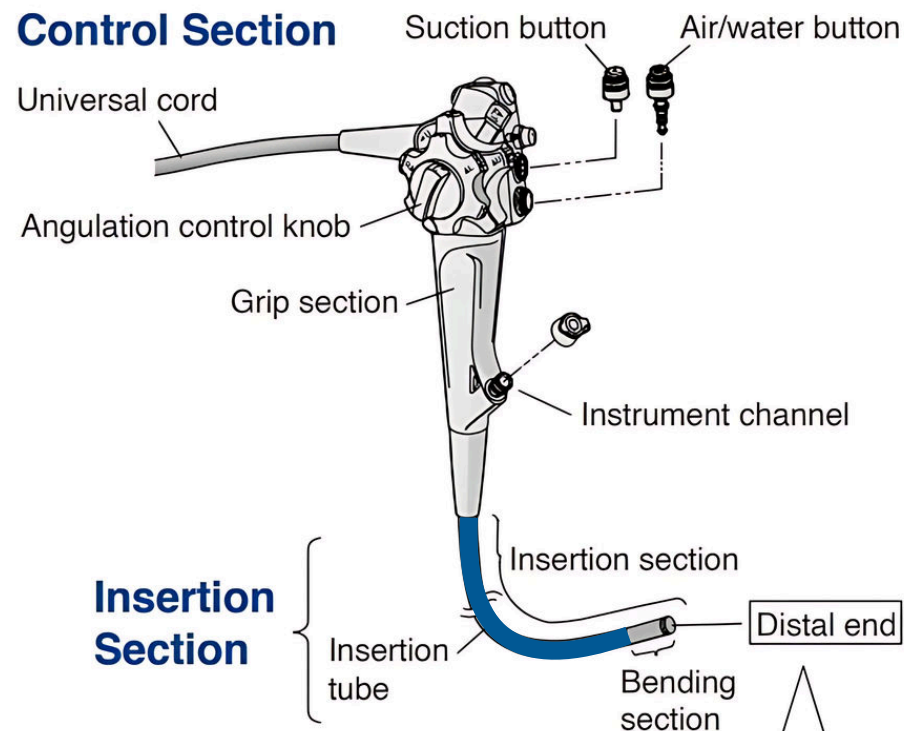
Full Data Capture

- Video and still image capture built into scope controls
- Stored as FHD JPEG and MOV video files
- Pre-populate data for up to 15 patients in advance
- Universal USB-A Storage Drive On-Board



Graduated Stiffness™ Technology

AURORA XP



Highlighted In Blue, Our Patent Pending Technology Utilizes Reinforced Internal Construction To Assist In Maintaining A Robust and Firm Scope, The Closer To The Bending Section You Are. This Allows Practitioners, Especially Large Animal Vets, To More Easily Access The Pylorus, And Even All The Way To The Duodenum In Most Patients.

As An Added Bonus, The Stiff Construction Assists In Maintaining Shape As The Scope Passes Through The Nasopharynx, In Equine Patients. The Graduated Stiffness™ Prevents The Scope From Curling Back Into The Mouth Where Your Bite Risk Is Quite High. Thus Reducing Your Potential Damage And Repair Costs.

Maintaining Structural integrity Is Essential For Small Animal Practitioners As Well. Chasing After A Foreign Body Can Twist The Scope Into A Pretzel! But With The Slight Graduated Stiffness™ That Is Included On the 1.5M Endoscope, You Can Avoid The Pitfalls Of Twisting And Torquing Into A Knot. Plus, You'll Get To The Pylorus Of Even Big Breeds, With Ease.

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-VS3300 FHD Equine Gastroscope

AURORA XP



A Revolutionary Equine Endoscope, With the Intuitive Handling of Graduated Stiffness™, is Earning High Praise from Veterinarians Worldwide. The Capability of this Scope to Reach the Pylorus even in Challenging Situations will Enhance Procedure Efficiency by Over Thirty Minutes.

All Control Functions are Operated through Buttons on the Scope, and the Newly Integrated Forward Water Jet Feature Enables Seamless Connection of any Luer Lock Device for Swift and Precise Irrigation of the Endoscopic Area.

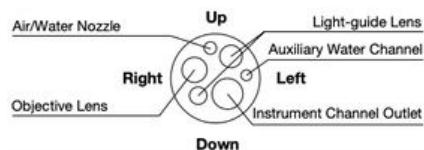
Specifications

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>3300mm</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

1.8 Million



XP-VS1500 FHD Video Endoscope

AURORA XP



Crafted with precision for equine veterinarians, yet adaptable to shine as the primary instrument for small animal veterinarians, this scope is a sophisticated and dependable companion. Boasting a spacious working channel and a 1.6-meter length, it is an essential tool in any veterinary clinic.

Featuring Graduated Stiffness™ Technology, this scope may appear more delicate than its equine version, but it is resilient, ensuring dependability and longevity for various examinations, including those delving into the depths of the small intestine.

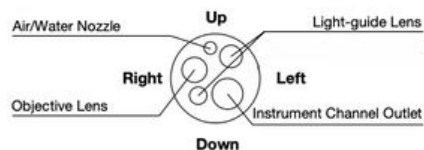
Specifications

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>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>
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Bending Section

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

Pixel Count

1.8 Million



XP-VS1000 FHD Video Endoscope

AURORA XP



The Aurora XP 1M video endoscope is highly beneficial for surgeons due to its high-definition imaging and user-friendly design. With 1.8 million pixels, it provides clear and detailed visuals, enabling accurate treatment. The 1-meter length makes it versatile and easy to maneuver, enhancing efficiency in laryngeal procedures. This combination of high definition and practical design improves diagnostic capabilities and overall user experience, making it a valuable tool for any surgeon's practice.

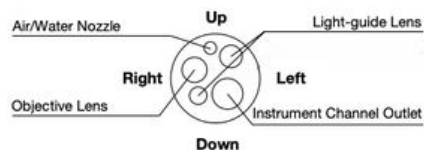
Specifications

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>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>
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Bending Section

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

Pixel Count

1.8 Million



XP-VS1200 FHD Video Endoscope

AURORA XP



Our Tiniest Endoscope Featuring 4-Way Angulation. This Device has shown its effectiveness in various situations, particularly with tight anatomical spaces. With a diameter equivalent to that of a human bronchoscope, it can also serve the same purpose for larger mammals.

The scope's instrument channel measures 2mm, a size larger than typical endoscopes of similar dimensions. Additionally, the weighted metal tip aids in advancing the scope by utilizing gravity to your advantage.

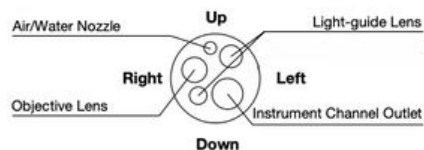
Specifications

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>
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Bending Section

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

Pixel Count

1.8 Million



High Definition Equine Dentistry



XP-VS70PER Equine PERIOCAM™

Optical System

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

Insertion Section

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

Capabilities

<u>Video/Image Capture:</u>	<u>Buttons On Scope</u>
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- No Camera Head
- No Light Cable
- No Extra Hardware
- Detailed Images
- No Laptop to Capture
- Durable Stainless Steel
- Large Diameter

Pixel Count **1.8 Million**

1080p
FULLHD

Periocam™ Is Compatible With All Models Of AURORA XP Video Processors



How Does The AURORA XP Compare?

Scope By Scope



Advanced Monitors



	XP-2P	Telepack	USB	MDS-OR-1200	EFP-1
Processor	XP-2P	Telepack	USB	MDS-OR-1200	EFP-1
Scope	XP-VS3300	60332NKSK	TV-577	VET-1335	Disposable
Length	330cm	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



Clinical Series

Size: 110cm x 46.2cm

Illuminated: LED

Power: Single Switch ISO

Integrated Scope Holder: Dual

Monitor Arm Supports: 27lbs

Silent Casters: 4

EZ Glide Drawer: Silent

Cable Rails: Yes

Adjustable Shelves: 2

The XP-C1 is crafted to improve user experience and add value to Aurora XP systems. With its slim profile, it offers increased loading capacity, occupies less floor space, and reduces repair costs. The XP-C1 supports all Rutledge Medical systems seamlessly, without overwhelming the clinical environment.

The cart has a full line of accessories to attach to the cart, for convenient access to your most utilized components.

Cart Solutions

Equipment Mobility

Supertrolley Series



Size: 100cm x 24cm

Power: Single Switch Strip

Monitor Arm Supports: 27lbs

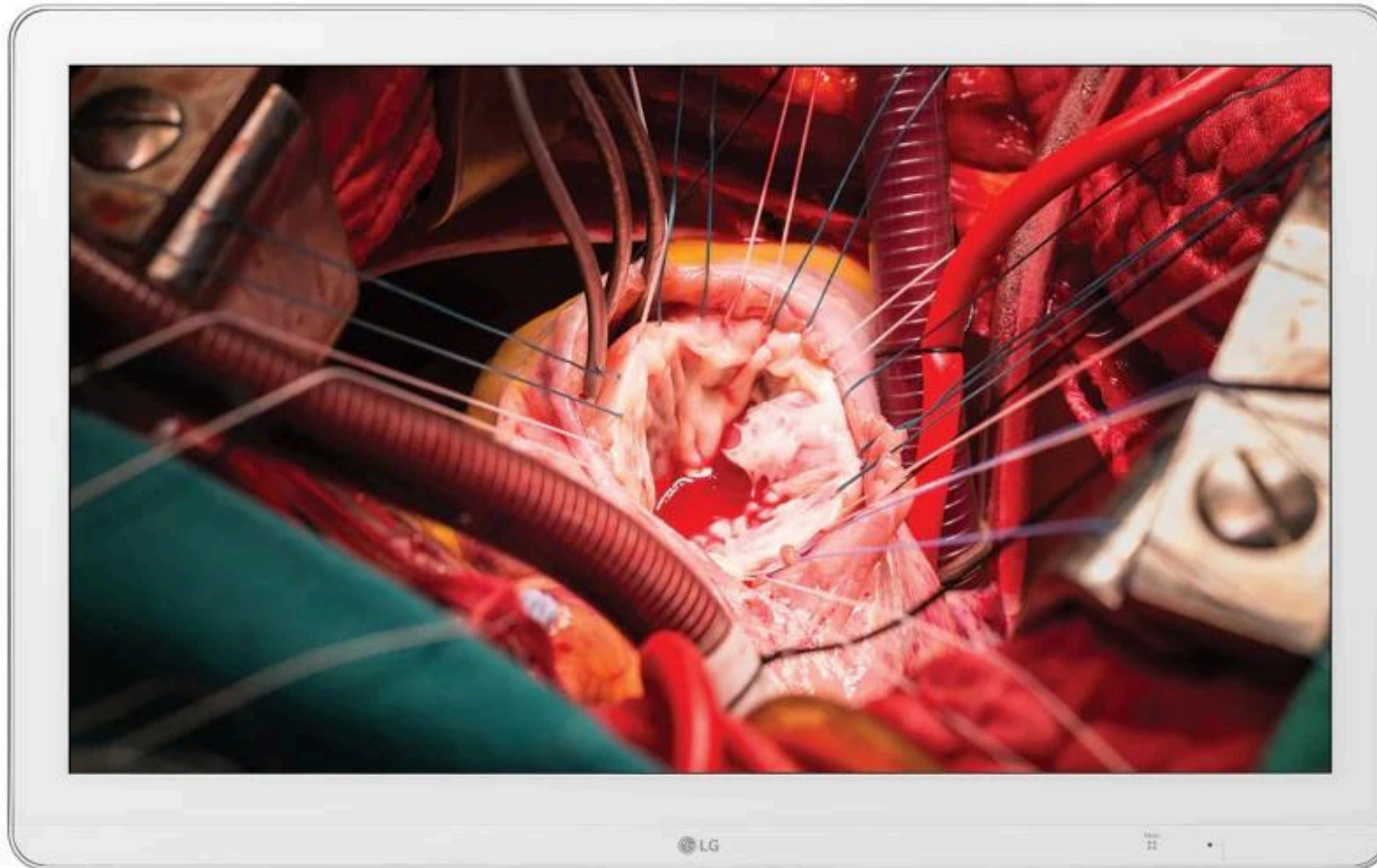
Silent Casters: 4

EZ Glide Drawers: Silent

Adjustable Shelves: 1

The XP-C2 Supertrolley Single Shelf Cart is designed to enhance the usability of Aurora XP systems. Its compact profile maximizes loading capacity and saves floor space. Designed to support the XP-2P and PERIOCAM, the XP-C2 integrates smoothly into any clinical setting without adding bulk.

With a full range of attachable accessories, the XP-C2 provides convenient access to essential components, keeping everything you need within reach.



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)
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POWER

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



Endoscopic Pathology Accessories



Artemis

animal healthcare

getartemis.vet

TYPHOON Automated Endoscope Reprocessor

Automate The Disinfection Process



15-Min Cycle Time

Introducing the future of veterinary care: our state-of-the-art Automated Endoscope Reprocessor! Designed with cutting-edge technology, this essential device is revolutionizing biosecurity in veterinary medicine, ensuring the highest standards of cleanliness and safety for your patients.

1. Unmatched Biosecurity:

- Ultimate Cleanliness: Our automated system guarantees thorough disinfection, eliminating harmful pathogens and safeguarding animal health.
- Continuous Leak Testing: Featuring an advanced automatic leak tester, our reprocessor provides real-time verification, ensuring your endoscope remains in perfect condition and free from leaks during every cycle.

2. Superior Efficiency:

- Fastest Cycle Time: With an industry-leading 15-minute cycle from start to finish, our reprocessor is the most efficient option on the market. Maximize your clinic's productivity without compromising on safety.

3. Hassle-Free Operation:

- User-Friendly Interface: Simple controls and intuitive design make operation a breeze, allowing your team to focus on what they do best – providing exceptional care to animals.

4. Cost-Effective Solution:

- Long-Term Savings: By extending the lifespan of your endoscopes through meticulous maintenance and leak prevention, our reprocessor saves you money on repairs and replacements. Plus, the correct and proper dosing of each chemistry used, maximizes the savings on the consumables.

5. Peace of Mind:

- Reliable Performance: Trust in a machine that delivers consistent, high-quality disinfection, giving you confidence in the tools you use every day.

Elevate your practice with the TYPHOON™ Automated Endoscope Reprocessor – where innovation meets reliability, and efficiency ensures superior veterinary care. Invest in the best for your clinic and experience the difference in biosecurity and operational excellence!



- 3-step Water Filter with UV for Sterility
- Automatic Leak Testing
- Air/Alcohol Purge
- Optional Tracking System For Tracing and Quality Control



Endoscope Storage Solutions

Racks, Cases and Cabinets



Pelican cases are purpose-built to safeguard electronics during transport, featuring custom-fit foam interiors that cradle devices securely and prevent movement. The watertight seal and air pressure equalization valve protect against moisture and pressure changes, while the rugged, crushproof exterior shields against impact, drops, and rough handling. Designed for easy portability without compromising durability, Pelican cases keep electronics safe from damage, dust, and humidity, ensuring that sensitive equipment arrives fully operational. For professionals seeking reliability, Pelican cases offer the highest standard of protection for transporting valuable electronics securely.

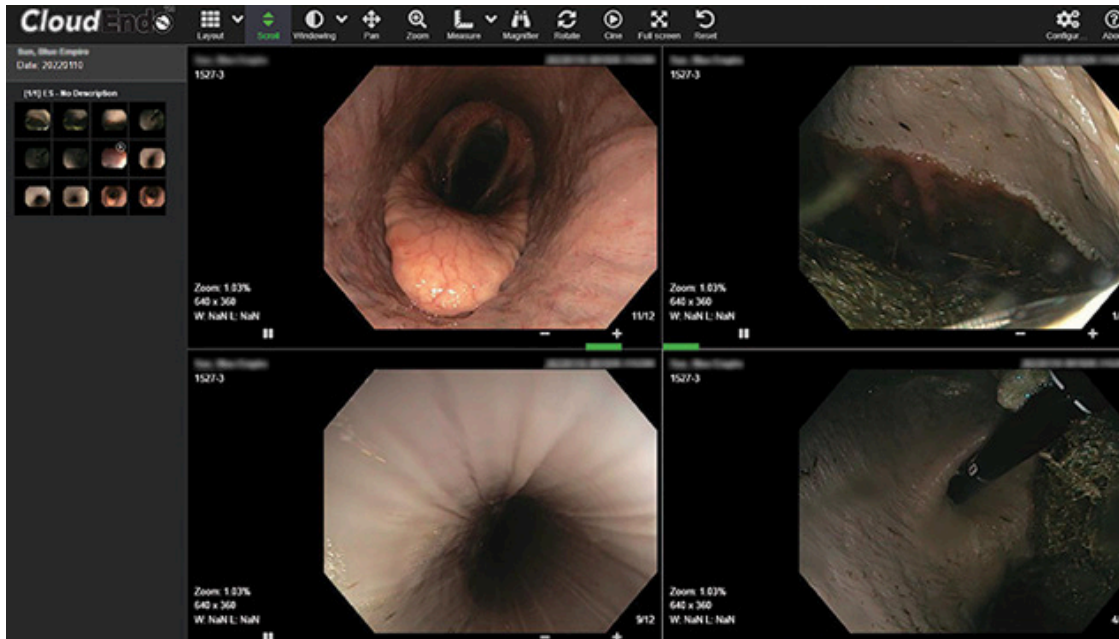


- Grade 2 Powder Coated Steel
- Fits Any Brand Of Flexible Endoscope
- Mounts Secure Using Decking Hardware for maximum durability
- Cabinets come custom with LEDs, UV, Powered Vent, Fob Key Lock, And More
- Custom Clinic Graphics Available



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.

A peaceful farm scene during the golden hour. In the foreground, a dark wooden post-and-rail fence runs across the frame. Behind the fence, three horses are grazing in a lush green field. On the left, a white horse with large black patches. In the center, a grey horse with white speckles. On the right, a dark-colored horse. The background is filled with a soft, hazy glow from the low sun, with silhouettes of trees and a distant barn visible. The top left corner is framed by the branches of a tree with autumn-colored leaves.

Better Patient Outcomes

for the love of animals



rutledge

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