



small animal



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.

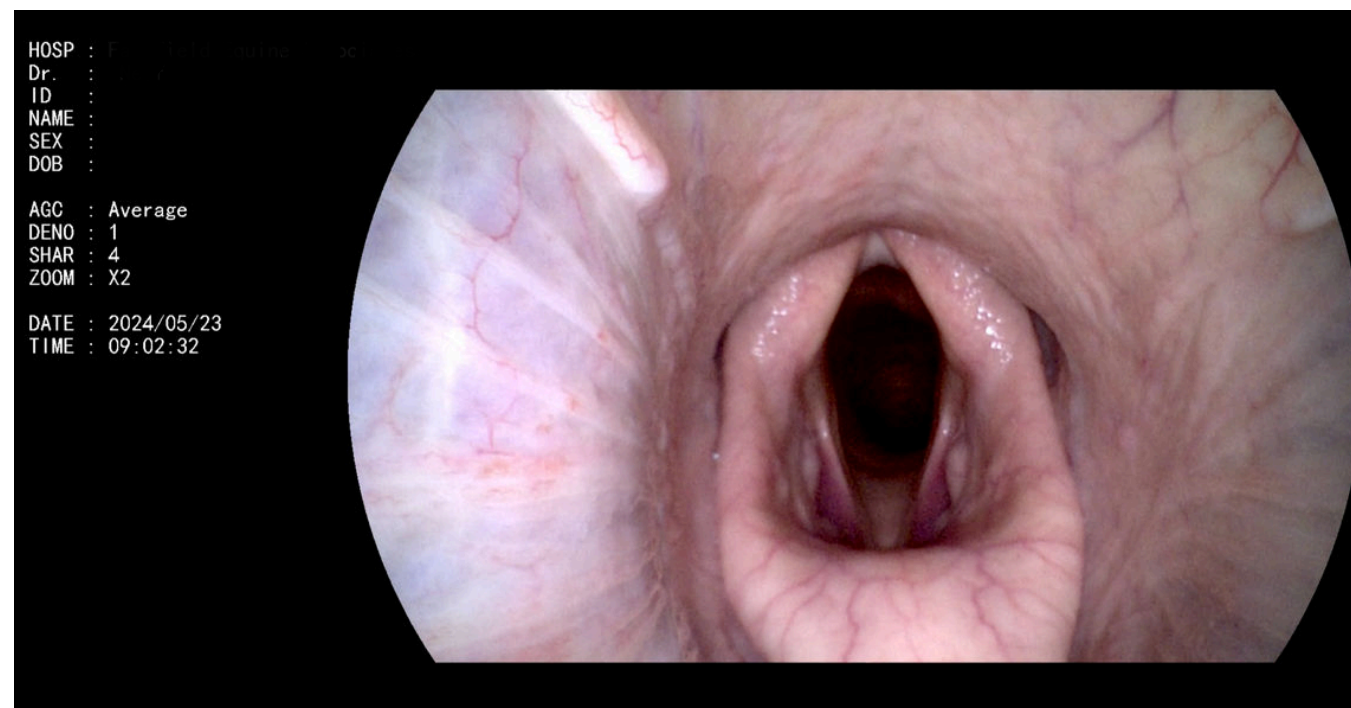
At Rutledge Medical, enhancing your vision is our FOCUS.

A golden retriever is lying down on a light-colored tiled floor, looking towards a grey and white cat. The cat is standing and looking back at the dog, with its mouth slightly open as if it's about to lick the dog's nose. The background is a bright, out-of-focus indoor space with a window and some furniture.

advancing companion 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.

And with the introduction of our smallest video endoscopes, we can now provide more than 1M pixels for rhinoscopy, cystoscopy and bronchoscopy.





Endoscopy System
components

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



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.

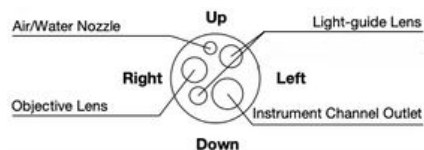
Specifications

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

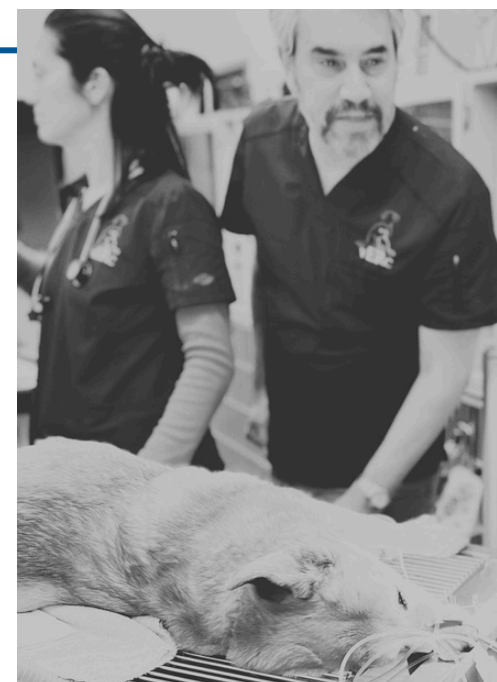
<u>Inner Diameter:</u>	<u>2.8mm</u>
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Bending Section

<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-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.

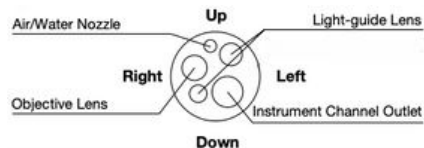
Specifications

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



VB-100 FHD Small Animal Bronchoscope

AURORA XP



Featuring a 2.0mm instrument channel, this advanced tool combines unparalleled clarity with versatility, enabling precise visualization of the bronchial tree in even the smallest patients. Its cutting-edge imaging technology ensures you can identify abnormalities with confidence, minimizing guesswork and enhancing the accuracy of your diagnoses. Whether it's pinpointing subtle changes in airway structure or retrieving foreign bodies, this bronchoscope delivers performance you can trust.

With improved resolution and a streamlined design, procedures are more efficient, reducing stress on both patient and clinician. Elevate your standard of care, strengthen client trust, and stay ahead in veterinary medicine with a tool built to meet the demands of modern diagnostics. For clinicians committed to excellence, this is the next step forward.

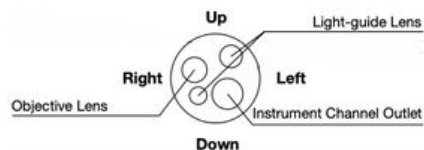
Specifications

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>4.5mm</u>
<u>Distal End Enlarged:</u>	



<u>Insertion Tube Diameter:</u>	<u>4.0mm</u>
<u>Working Length:</u>	<u>600mm</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>210°</u>

Pixel Count

1.6 Million



VC-100 FHD Small Animal Cystoscope

AURORA XP



Managing urinary stone disorders in dogs and cats requires tools that combine precision and clarity, and the high-definition cystoscope with a 1.5mm instrument channel is designed to meet those demands. Its 1080p imaging offers exceptional clarity, allowing for detailed visualization of the bladder and urethra to identify and manage calculi effectively. This minimally invasive approach ensures precise diagnosis and treatment, making it easier to locate and remove even small stones while minimizing stress for both the patient and clinician.

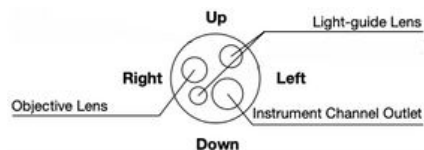
Specifications

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>4.0mm</u>
<u>Distal End Enlarged:</u>	



<u>Insertion Tube Diameter:</u>	<u>3.5mm</u>
<u>Working Length:</u>	<u>1000mm</u>

Instrument Channel

<u>Inner Diameter:</u>	<u>1.5mm</u>
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Bending Section

<u>Up:</u>	<u>210°</u>
<u>Down:</u>	<u>210°</u>

Pixel Count

1.6 Million



VL-100 FHD Small Animal Rhinolaryngoscope

AURORA XP



Treating upper respiratory tract disorders in dogs and cats becomes more precise and less invasive with the video rhinolaryngoscope, featuring high-definition 1080p imaging and a 1.2mm instrument channel. This advanced scope provides detailed visualization of the nasal passages and larynx, enabling accurate diagnosis and targeted treatment of conditions such as nasal polyps. Its design allows for effective polyp removal without the need for traditional surgery, reducing recovery time and improving patient comfort.

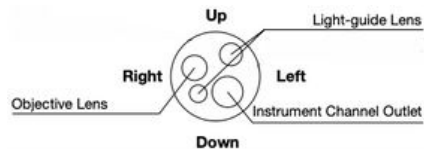
Specifications

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>3.0mm</u>
<u>Distal End Enlarged:</u>	



<u>Insertion Tube Diameter:</u>	<u>2.6mm</u>
<u>Working Length:</u>	<u>670mm</u>

Instrument Channel

<u>Inner Diameter:</u>	<u>1.2mm</u>
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Bending Section

<u>Up:</u>	<u>210°</u>
<u>Down:</u>	<u>210°</u>

Pixel Count

1.6 Million



VL-100R FHD Rigid Rhinolaryngoscope

AURORA XP



The rigid rhinolaryngoscope with true video chip-at-the-tip technology offers a practical advancement for upper respiratory diagnostics and treatment in small animals. By removing the need for a separate camera head and light cable, this design reduces bulk and improves maneuverability during procedures. Despite its slim 1.8mm diameter, the scope provides ultra-high resolution beyond 1080p, delivering detailed visualization of nasal and laryngeal structures essential for accurate diagnosis and precise interventions.

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>1.8mm</u>
<u>Cannula On Diameter:</u>	<u>2.5mm</u>
<u>Working Cannula Diameter:</u>	<u>4.2mm</u>
<u>Working Length:</u>	<u>175mm</u>

Instrument Channel

<u>Inner Diameter:</u>	<u>2.8mm**</u>
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Pixel Count

1.6 Million



***Only Available With Working Cannula Attached*



How Does The AURORA XP Compare?

Scope By Scope



	XP-2	Telepack	V-2000	MDS-OR-1200	EVIS 190
Processor	XP-2	Telepack	V-2000	MDS-OR-1200	EVIS 190
Scope	XP-VS1500	60714NKS	V-10M	VET-9215	GIF-H190
Length	150cm	140cm	150cm	150cm	103cm
Diameter	8.4mm	7.9mm	9.0mm	9.2mm	9.2mm
Angulation	180 U/D 160 L/R	180 U/110 D 110 L/R	180 U/D 160 L/R	180 U/D 160 L/R	210 U/90 D 100 L/R
Channel	2.8mm	2.8mm	2.8mm	2.8mm	2.8mm
Monitor	27" LG FHD	18" FHD	27" LG FHD	Laptop	27" FHD
Scope Resolution	1.8M pixels	410,000 pixels	2.3M pixels	921,600 pixels	1.4M pixels
Patient Info	✓	✓	✓	✗	✓
Price	\$35-\$40k	\$75-\$90k	\$55-\$75k	\$25-\$45k	\$75-\$120k

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 or 32"

Silent Casters: 4

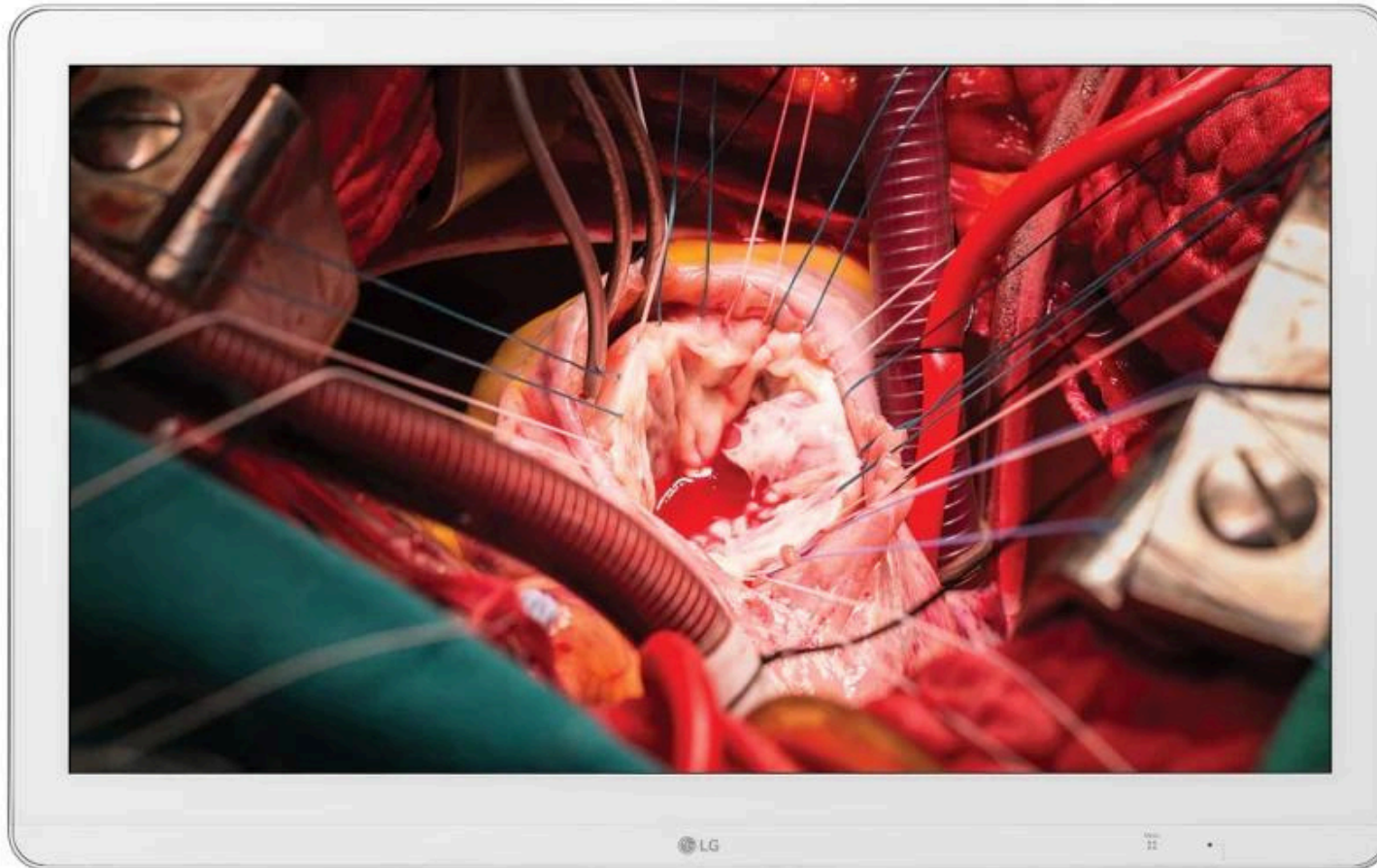
EZ Glide Drawer: Silent

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.



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



ENDO Irrigator Pump Series

Irrigation Fluid Pumps



EI-300

- Electronic Pressure Sensing
- Footpedal Powered On Demand
- Up to 300 mL/min Flow Rate
- Reversible Peristaltic Drive
- EZ Load Pump Head



EI-500

- Electronic Pressure Sensing
- Footpedal Powered On Demand
- **Up to 500 mL/min** Flow Rate
- Reversible Peristaltic Drive
- EZ Load Pump Head
- Pre-programmable Dosing
- Continuous Flow Mode



*Compatible With Most
Endoscopic Irrigation
Tubing Sets and Bottles*

Suction Systems

Vacuum Connected Directly To The Scope



DYNAREX™ Resp-Care Aspirator

- Electronic Pressure Sensing
- Adjustable Suction Pressure Valve
- Up to 550 mb Flow Rate
- Attached Container Rack
- Wire Wrap for Power Cord



SCHUCO™ Surgical Aspirator

- Flow range higher than ever.
- Collection canisters up to 1200cc Fit The Metal Stand
- High vacuum range for various suction needs - Up to 560 mm Hg
- Quick-connect tubing for all connections
- Vibration-free gauge for easy reading and vacuum control
- Weight: 18 lb (8.16 kg)

Endoscopic Pathology Accessories



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



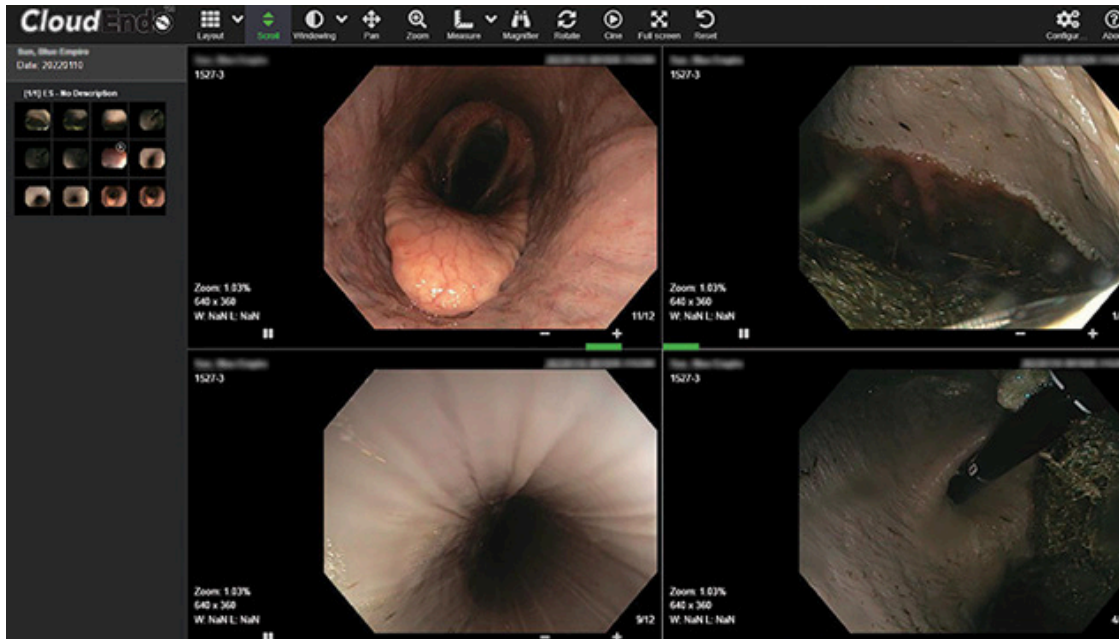
ENDORAXX

- 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 Graphics Available On Cabinets



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 ginger cat is curled up and sleeping on a rough, grey stone wall. The cat's fur is a mix of orange and white, and its eyes are closed. In the background, the head of a light-colored dog is visible, looking towards the camera. The background is filled with green foliage, and the scene is lit with warm, golden light, suggesting late afternoon or early morning.

Better Patient Outcomes

for the love of animals



rutledge

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