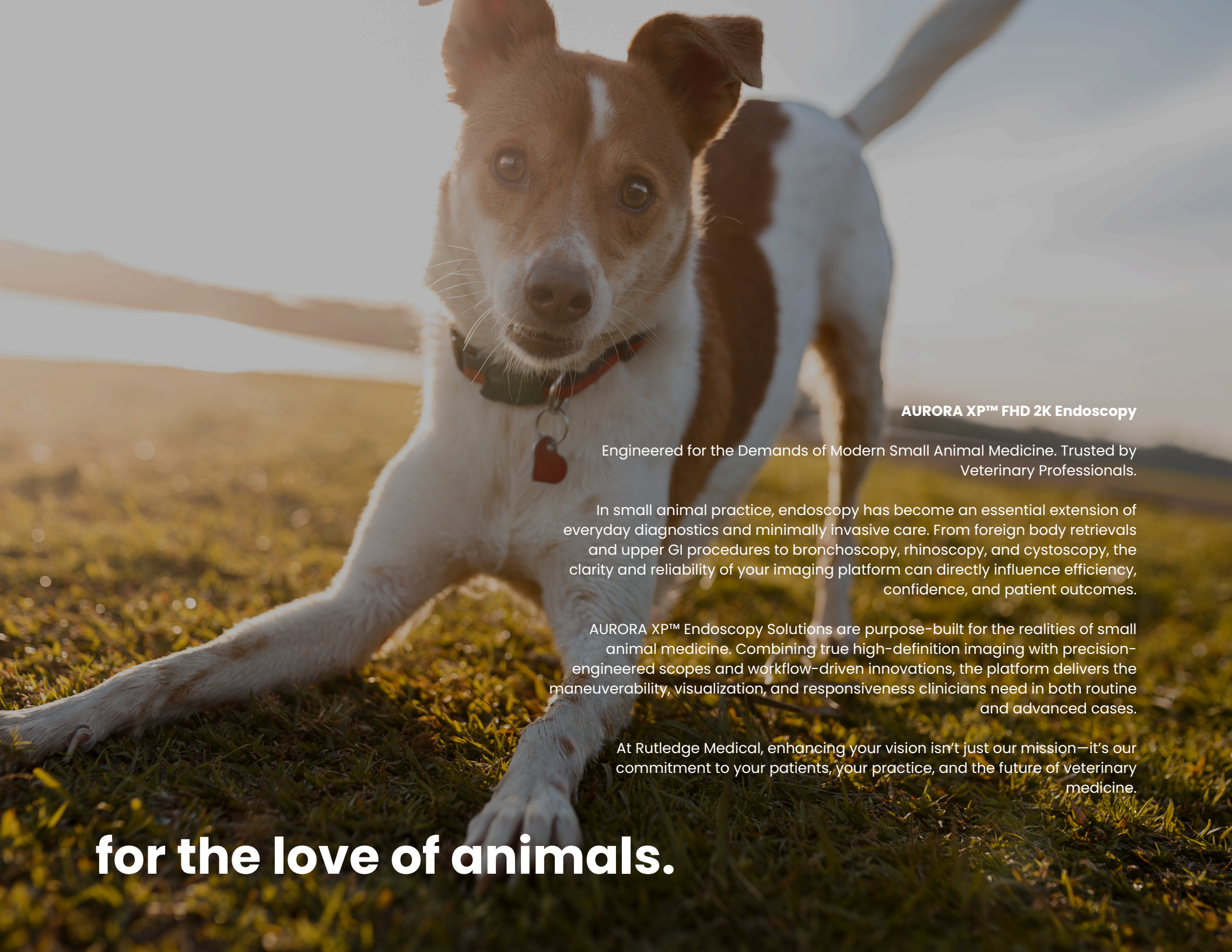


# SMALL ANIMAL ENDOSCOPY

FUTURE PROOFING ENDOSCOPY FOR  
SMALL ANIMAL MEDICINE



AURORA  
XP



#### **AURORA XP™ FHD 2K Endoscopy**

Engineered for the Demands of Modern Small Animal Medicine. Trusted by Veterinary Professionals.

In small animal practice, endoscopy has become an essential extension of everyday diagnostics and minimally invasive care. From foreign body retrievals and upper GI procedures to bronchoscopy, rhinoscopy, and cystoscopy, the clarity and reliability of your imaging platform can directly influence efficiency, confidence, and patient outcomes.

AURORA XP™ Endoscopy Solutions are purpose-built for the realities of small animal medicine. Combining true high-definition imaging with precision-engineered scopes and workflow-driven innovations, the platform delivers the maneuverability, visualization, and responsiveness clinicians need in both routine and advanced cases.

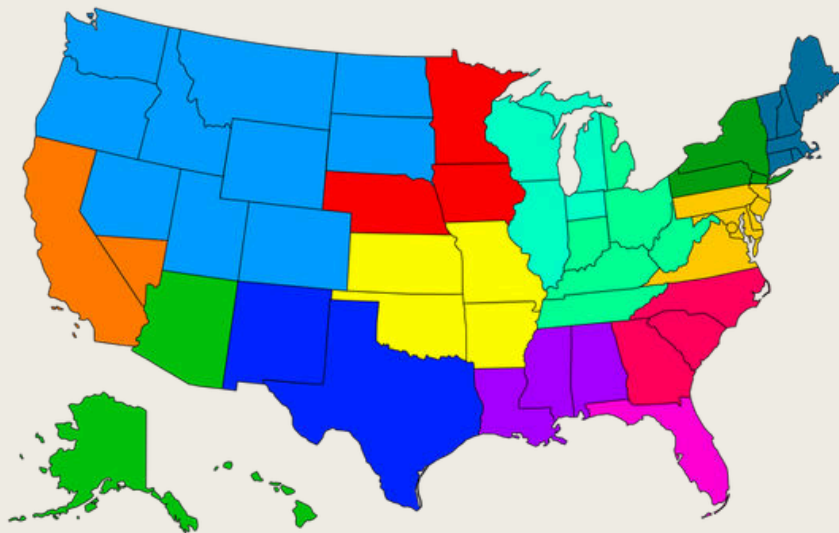
At Rutledge Medical, enhancing your vision isn't just our mission—it's our commitment to your patients, your practice, and the future of veterinary medicine.

**for the love of animals.**

# WHO WE ARE



Founded in 1984 in Tulsa, Oklahoma, Rutledge Medical has evolved from representing world-class human healthcare technologies to leading the advancement of veterinary endoscopy. After decades in medical imaging and endoscopic innovation, we shifted our full focus in 2021 to veterinary medicine—bridging human-grade technology with animal care. Today, our team brings over 350 years of combined experience, providing high-definition endoscopy systems, surgical imaging, and clinical support to veterinarians across North America, with European and Middle East expansion under way.



**MISSION: DEVELOP TECHNOLOGY FOR BETTER PATIENT OUTCOMES**

**VISION: ELEVATE TECHNOLOGY TO ENHANCE VISUAL DIAGNOSIS AND TREATMENT**

At Rutledge Medical, we believe that people—not products—are what truly drive innovation and trust in veterinary medicine. Our investment in relationships with veterinarians, technicians, and practice managers is the foundation of everything we do. We don't just sell technology; we build partnerships rooted in understanding, respect, and shared purpose. Every conversation, every installation, and every service call is an opportunity to strengthen those connections and support the professionals who dedicate their lives to animal health.

We equip our team with the same level of commitment we bring to our customers—through ongoing training, mentorship, and hands-on field experience that ensures they understand the realities of clinical life. Whether it's a practice manager trying to improve workflow efficiency, a technician troubleshooting in the middle of a busy day, or a veterinarian exploring new diagnostic techniques, our people are trained to be reliable allies who show up, listen, and help find solutions.

Because relationships last longer than transactions, we measure success not by sales volume but by the strength of the partnerships we cultivate. Our field-driven model allows us to stay connected across every level of veterinary care—from the first demo to long after the purchase. This ongoing investment in people ensures that every piece of equipment we deliver is backed by a team who understands not just how it works, but who it serves. At the end of the day, our mission is simple: to empower those who care for animals, because when we invest in people, we invest in better medicine—for the love of animals.

# IMAGE UNMATCHED

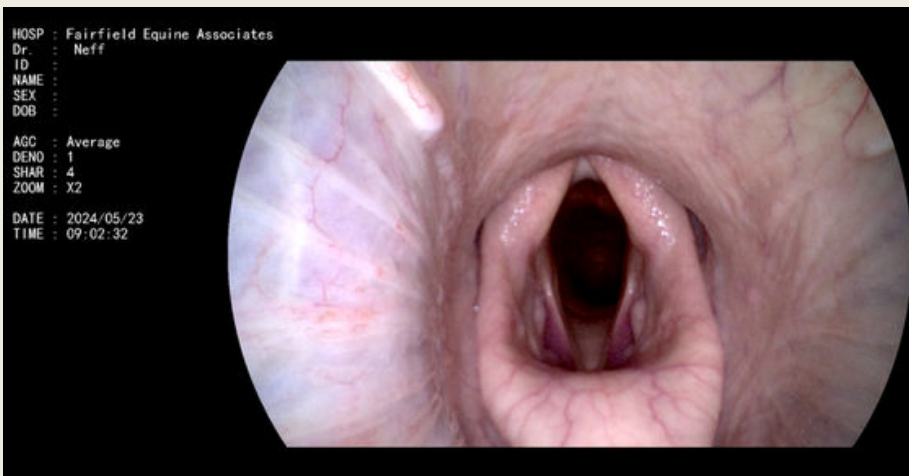
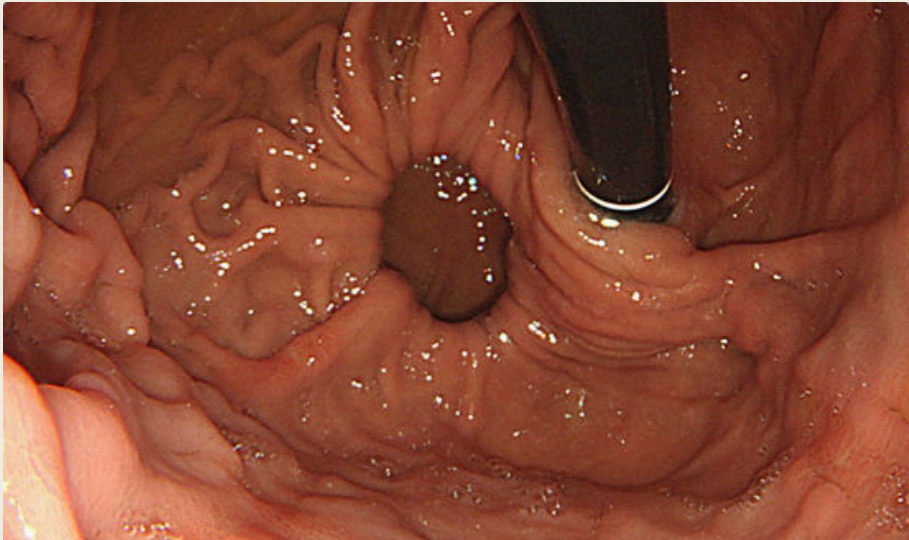


## See More. Miss Less.

While some competitors are only now introducing basic “HD” endoscopy technology, a technology that debuted in human medicine more than a decade ago—the AURORA XP has been engineered from day one as a true Full High-Definition platform. With up to 90 frames per second, AURORA XP virtually eliminates rolling-shutter distortion and motion ghosting, delivering a stable, razor-sharp image even during rapid scope maneuvers.

Where entry-level HD systems often upscale or downscale during recording, the AURORA XP captures and stores in the same native 1080p FHD you see live—preserving every pixel of diagnostic detail. At the heart of the system is a next-generation CMOS chip-on-tip sensor with millions of pixels, far surpassing legacy “HD” designs that still operate in the sub-500,000-pixel range.

The result is a level of tissue definition, color accuracy, and lesion visibility that simply isn’t achievable on newly released, first-generation HD scopes. AURORA XP gives you the advanced clarity expected in 2026—not the resolution standards of 2012—so you see more, miss less, and diagnose with total confidence.



# 2+ Million Pixels



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

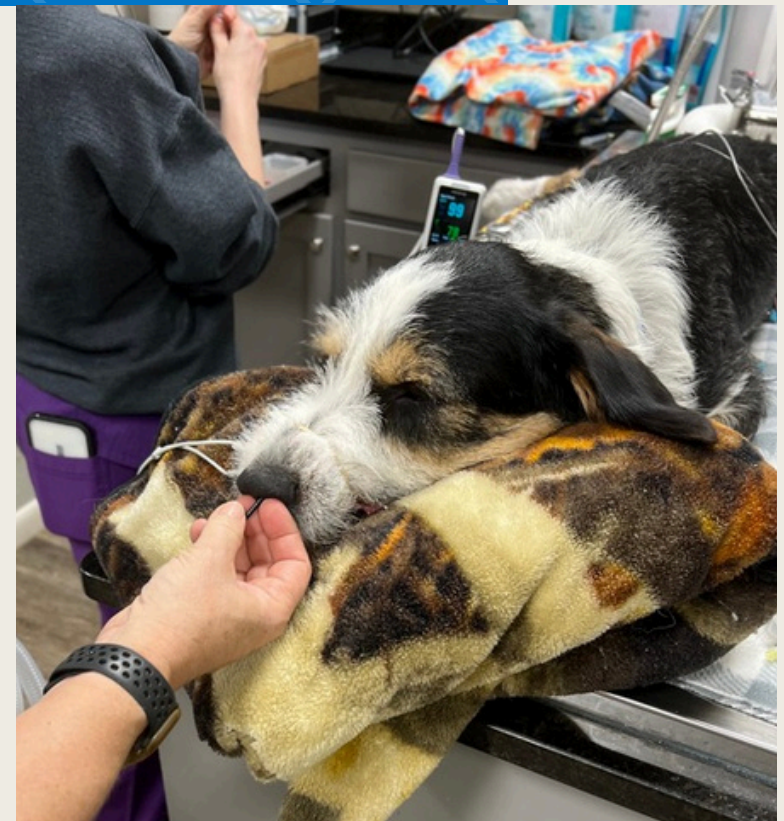
## AURORA XP

### 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.

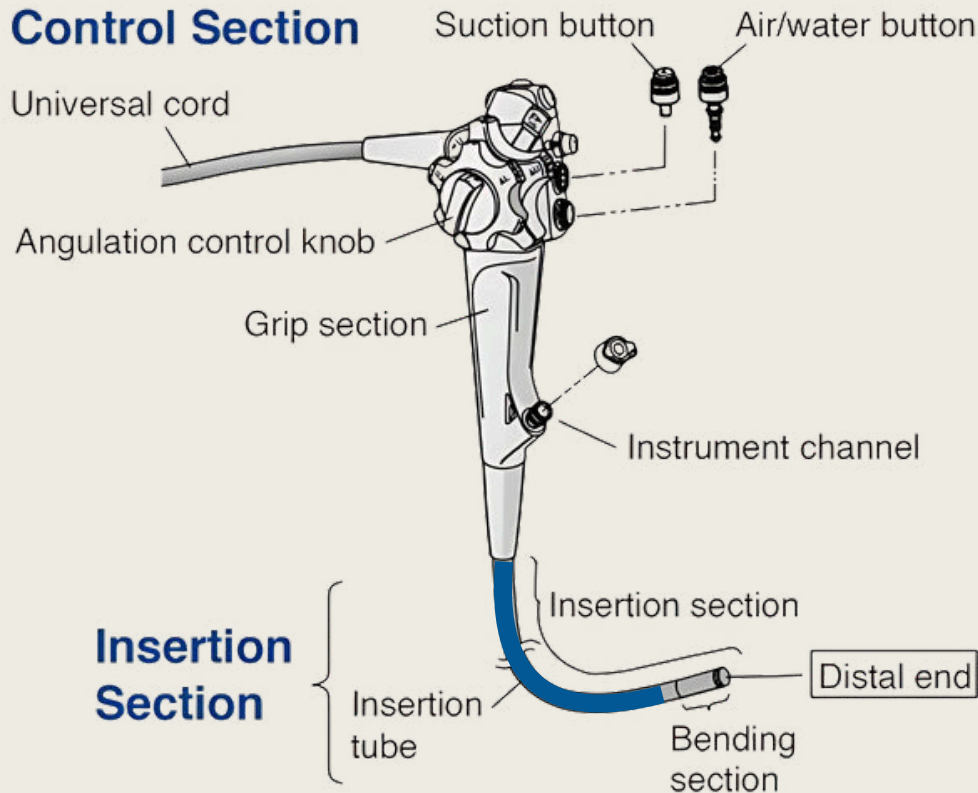
Now enhanced with a dedicated water jet channel, the system improves visibility during procedures—clearing the field with precision and supporting better outcomes with every pass.





# ADVANCED HANDLING

## Control Section



## Insertion Section

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 precise directional control during upper GI procedures in small animal patients. The Graduated Stiffness™ design resists unwanted looping and loss of positioning during advancement, helping clinicians navigate more efficiently while reducing excessive strain on the insertion tube and distal tip. By minimizing uncontrolled deflection and handling stress, the system also helps lower the risk of accidental damage and costly repairs over the life of the scope.

A more stable endoscope doesn't just improve handling—it improves diagnostics. By combining Graduated Stiffness™ technology with a slim outer diameter, the AURORA XP™ platform allows clinicians to maintain smoother positioning and more consistent visualization throughout the procedure. Reduced scope looping and improved directional control help keep the imaging plane steady during examination, supporting clearer mucosal evaluation, more precise targeting, and greater confidence when identifying subtle lesions or abnormalities in smaller patients.

# GRADUATED STIFFNESS™

*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.*

# THE GEAR



## XP-2 Video Processors

The AURORA XP-2 processor is engineered for the fast-paced demands of modern small animal medicine. Featuring a dual-50 W LED light source and true high-definition 1080p video processing at 90 frames per second, the system delivers sharp, responsive visualization across a wide range of procedures—from routine upper GI exams and foreign body retrievals to bronchoscopy and cystoscopy. Native-resolution image and video capture ensures accurate clinical documentation, while selectable light modes, adjustable air/water controls, and integrated patient annotation help streamline workflow and enhance procedural precision throughout the day. The platform also supports compatibility with 2K FHD camera heads for rigid endoscopy applications, giving clinicians expanded capability for ENT, rhinoscopy, otoscopy, and other minimally invasive small animal procedures from a single imaging tower.

For practices requiring flexibility and mobility, the AURORA XP-2P delivers the same clinical imaging philosophy in a compact, portable platform. Equipped with a 40 W LED light engine, 80 fps processing, and an integrated 12" high-definition display, the XP-2P is ideal for satellite locations, emergency settings, specialty workflows, and practices where space efficiency matters. With intuitive controls, integrated patient management, and support for both flexible and rigid endoscopic workflows, it enables clinicians to bring advanced diagnostic capability wherever it's needed while maintaining the image quality and responsiveness expected from a premium platform.



XP-2 Clinical Tower



XP-2P Portable Unit



# THE GEAR

## 1.5M FHD Video Endoscope XP-VS1500



### Optical System

Field of View:	140°
Direction Of View:	Forward
Depth Of Field:	3-100

### Insertion Section

Distal End Diameter:	8.3mm
Insertion Tube Diameter:	8.2mm
Working Length:	1500mm

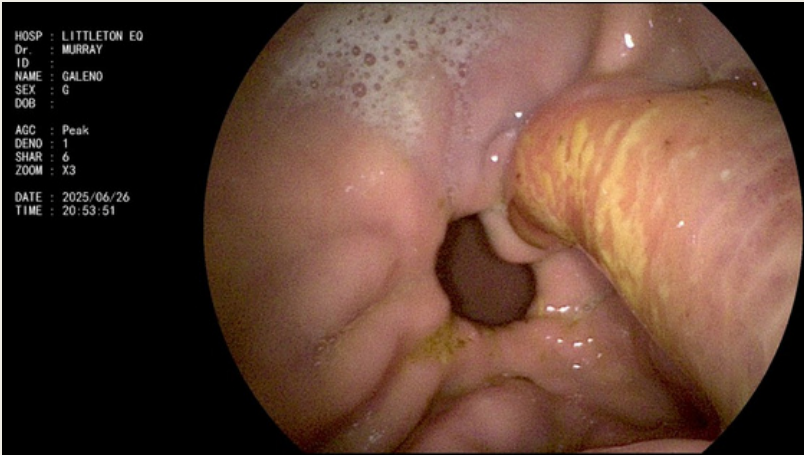
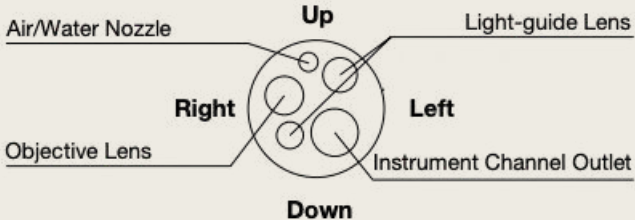
### Instrument Channel

Inner Diameter:	2.8mm
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### Bending Section

Up/Down:	180°
Left/Right:	160°

The AURORA XP 1.5M Video Endoscope was developed specifically for the realities of small animal practice, where versatility, responsiveness, and image clarity matter across a wide range of procedures. Its compact 1-meter working length and slim profile make it exceptionally well-suited for upper airway evaluation, tracheoscopy, rhinoscopy, and minimally invasive diagnostic procedures in smaller patients, while the high-definition imaging system delivers detailed visualization of delicate anatomy and subtle pathology.



# THE GEAR

# 1.5M FHD Video Endoscope

## XP-VS1500J



### Optical System

Field of View:	140°
Direction Of View:	Forward
Depth Of Field:	3-100

### Insertion Section

Distal End Diameter:	8.8mm
Insertion Tube Diameter:	8.6mm
Working Length:	1500mm

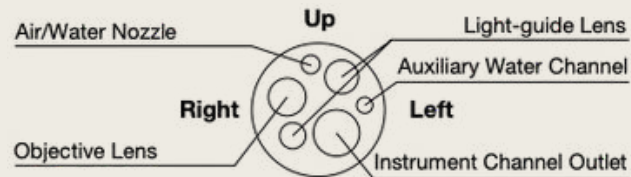
### Instrument Channel

Inner Diameter:	2.8mm
Water Jet Diameter:	2.0mm

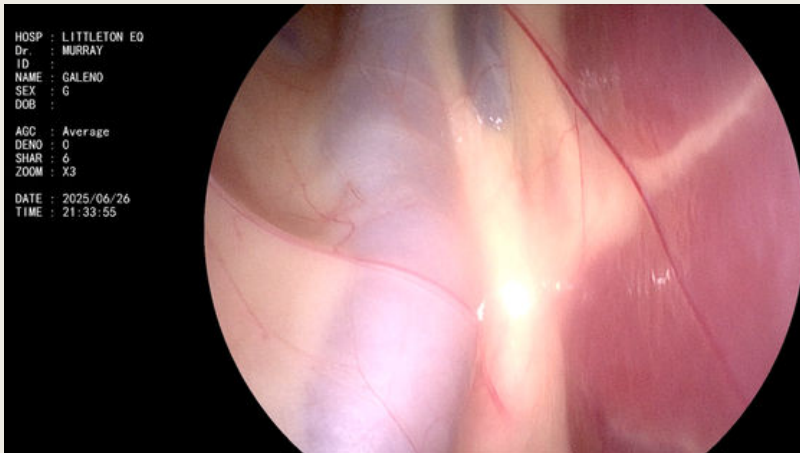
### Bending Section

Up/Down:	180°
Left/Right:	160°

The AURORA XP 1.5M Video Endoscope is designed for small animal clinicians who need a versatile scope capable of handling a broad range of advanced diagnostic and therapeutic procedures. Its slim insertion tube, generous working channel, and extended 1.5-meter length make it ideal for bronchoscopy, cystoscopy, upper airway evaluation, foreign body retrieval, and deeper GI access in both small and large breed patients—all while maintaining excellent maneuverability and operator control.



Equipped with Graduated Stiffness™ Technology and an integrated Forward Water Jet system, the XP 1.5M is engineered to improve both navigation and visualization during demanding procedures.



# THE GEAR



## 1M FHD Slim Video Endoscope

XP-VS1200

### Optical System

Field of View:	140°
Direction Of View:	Forward
Depth Of Field:	3-100

### Insertion Section

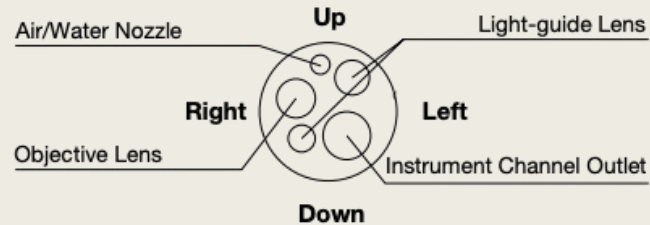
Distal End Diameter:	5.9mm
Insertion Tube Diameter:	6.3mm
Working Length:	1000mm

### Instrument Channel

Inner Diameter:	2.0mm
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### Bending Section

Up/Down:	180°
Left/Right:	160°

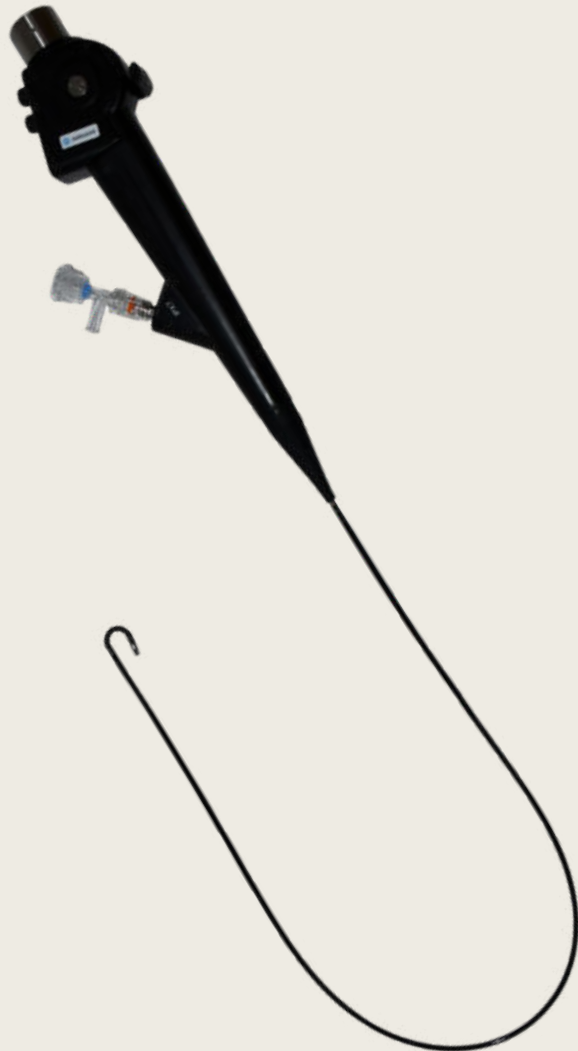


Our smallest video endoscope is specifically engineered for the delicate anatomy encountered in small animal, exotic, and pediatric veterinary medicine. Its ultra-slim diameter and highly responsive 4-way angulation make it exceptionally well-suited for small dogs, puppies, kittens, reptiles, birds, and other exotic species where traditional scopes may simply be too large or difficult to maneuver safely.

Despite its compact profile, the scope incorporates a generous 2 mm working channel, allowing clinicians to perform suction, sampling, foreign body retrieval, and other therapeutic interventions that are often limited in scopes of this size. A weighted distal tip improves directional control and scope stability during advancement, helping reduce operator fatigue while enhancing precision in confined anatomy.



# THE GEAR



## FHD Video Bronchoscope

VB-100



### Optical System

<u>Field Of View:</u>	<u>140°</u>
<u>Direction Of View:</u>	<u>Forward</u>
<u>Depth Of Field:</u>	<u>2-100</u>

### Insertion Section

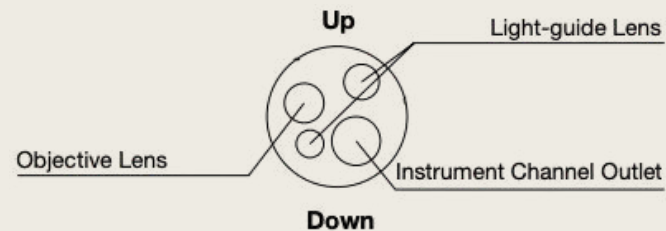
<u>Distal End Diameter:</u>	<u>4.2mm</u>
<u>Insertion Tube Diameter:</u>	<u>4.0mm</u>
<u>Working Length:</u>	<u>600mm</u>

### Instrument Channel

<u>Inner Diameter:</u>	<u>2.0mm</u>
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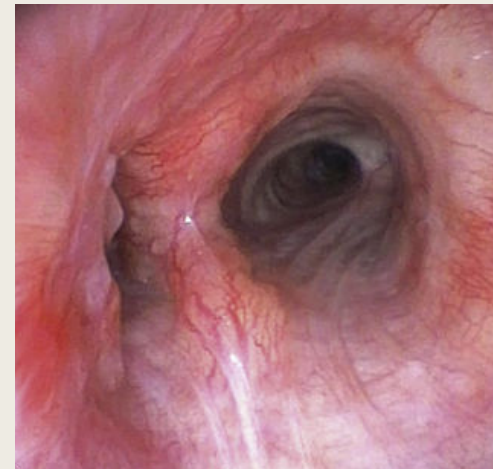
### Bending Section

<u>Up/Down:</u>	<u>180°</u>
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Designed with a 2.0 mm instrument channel and high-definition imaging, this video endoscope provides precise, responsive visualization for bronchoscopy in small animal patients—even in the most delicate airways. Whether evaluating chronic respiratory disease, retrieving airway foreign material, collecting diagnostic samples, or assessing subtle mucosal changes, the scope delivers the clarity and control clinicians need for confident decision-making.

Its slim, highly maneuverable design supports smoother navigation through smaller bronchial structures while minimizing patient stress and procedural difficulty. The result is a more efficient bronchoscopic workflow that enhances diagnostic capability without compromising patient safety or comfort.



# THE GEAR

## FHD Video Cystoscope

VC-100



### Optical System

<u>Field of View:</u>	<u>140°</u>
<u>Direction Of View:</u>	<u>Forward</u>
<u>Depth Of Field:</u>	<u>2-100</u>

### Insertion Section

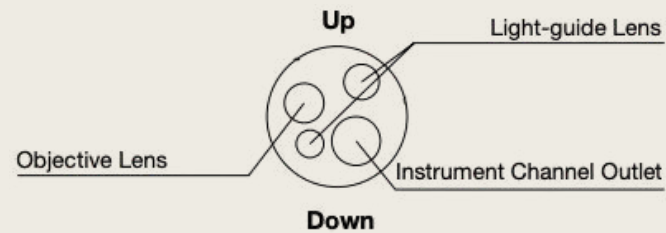
<u>Distal End Diameter:</u>	<u>4.0mm</u>
<u>Insertion Tube Diameter:</u>	<u>3.8mm</u>
<u>Working Length:</u>	<u>1000mm</u>

### Instrument Channel

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

<u>Up/Down:</u>	<u>180°</u>
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Designed with a 1.5 mm instrument channel and high-definition imaging, this video cystoscope delivers clear, detailed visualization of the lower urinary tract in small animal patients while maintaining an exceptionally slim, minimally invasive profile. Ideal for smaller canine patients, feline cases, and delicate urogenital procedures, it allows clinicians to evaluate chronic urinary conditions, investigate hematuria, obtain diagnostic samples, and perform targeted interventions with enhanced precision and control.



# THE GEAR

## FHD Video Rhinoscope

VL-100



### Optical System

<u>Field of View:</u>	<u>140°</u>
<u>Direction Of View:</u>	<u>Forward</u>
<u>Depth Of Field:</u>	<u>2-100</u>

### Insertion Section

<u>Distal End Diameter:</u>	<u>3.0mm</u>
<u>Insertion Tube Diameter:</u>	<u>2.8mm</u>
<u>Working Length:</u>	<u>600mm</u>

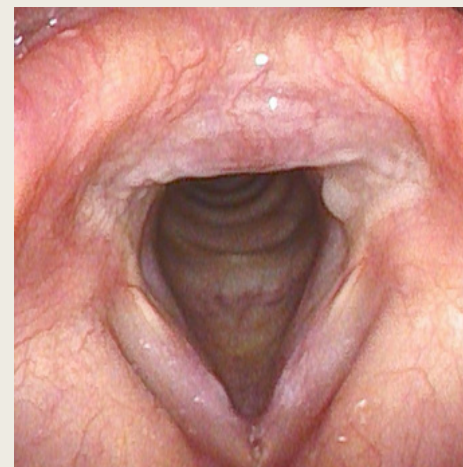
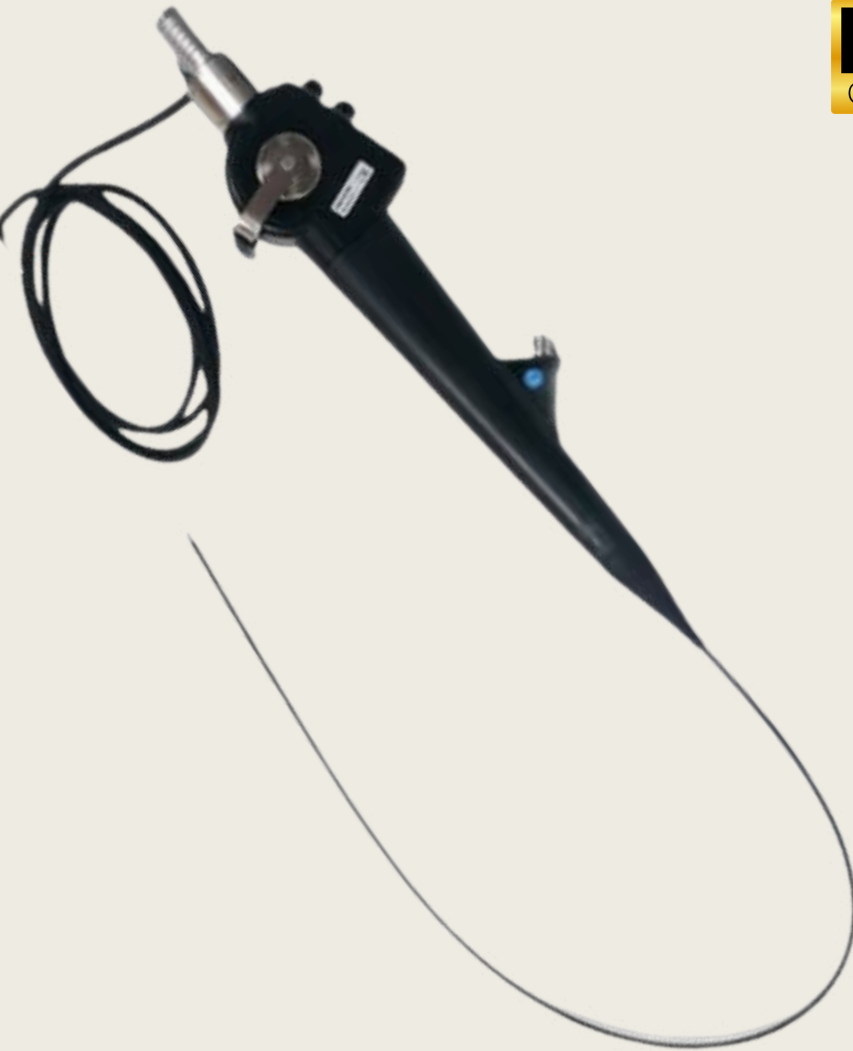
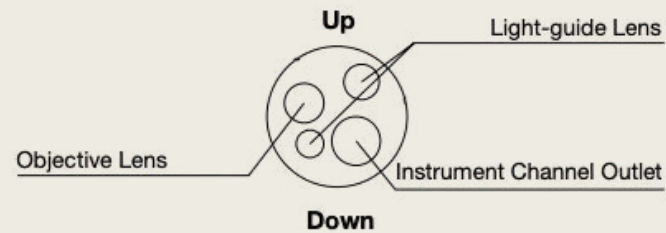
### Instrument Channel

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

<u>Up/Down:</u>	<u>180°</u>
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Designed with a slim 3.0 mm outer diameter and a 1.2 mm instrument channel, this high-definition video endoscope is purpose-built for rhinoscopy and nasopharyngeal evaluation in small animal patients. Its compact profile allows for improved access through narrow nasal passages and delicate upper airway anatomy, making it ideal for evaluating chronic nasal disease, foreign bodies, inflammatory conditions, polyps, and other subtle abnormalities in dogs, cats, and exotic species.



## FHD Video Rigid Rhinoscope

VL-100R

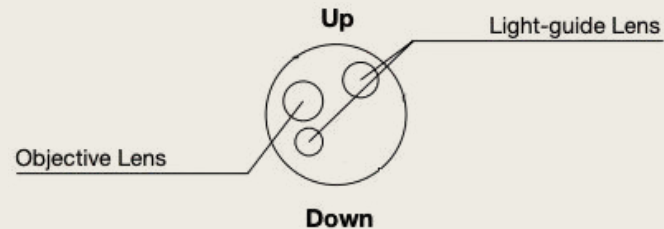


### Optical System

<u>Field of View:</u>	<u>140°</u>
<u>Direction Of View:</u>	<u>0°</u>
<u>Depth Of Field:</u>	<u>2-100</u>

### Insertion Section

<u>Distal End Diameter:</u>	<u>1.8mm</u>
<u>Working Length:</u>	<u>175mm</u>



Built around a true video chip-at-the-tip CMOS design, this rigid rhinoscope eliminates the bulk and complexity of traditional camera heads and external light cables—delivering a more balanced, streamlined experience during sinonasal procedures in small animal patients. The integrated high-definition imaging system provides crisp, detailed visualization directly at the distal tip, enhancing image clarity while improving handling and procedural control in confined anatomy.

Supplied with a complete working cannula system for advanced intervention, the platform supports biopsy collection, foreign body retrieval, targeted flushing, and other therapeutic procedures without sacrificing maneuverability.



## 3-Chip FHD Endoscope Camera

SC-100



### Optical System

<u>Focal Point:</u>	<u>22mm</u>
<u>Mount Style:</u>	<u>C-Mount</u>
<u>Depth Of Field:</u>	<u>3-100</u>

### Available Scopes

<u>Laparoscope:</u>	<u>5.5mm - 0° and 30°</u>
<u>Arthroscope:</u>	<u>4.0mm - 0°, 30° and 70°</u>
<u>Rhinoscope</u>	<u>2.7-1.7mm - 0° and 30°</u>

### Instrument Channel

<u>Otoscope w/sheath</u>	<u>2.0mm</u>
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- **3-Chip 2 million pixel Camera Head**
- Universal **C-Mount** Compatible
- Same **Image Processing** as Flexible Scopes
- **Lightweight** Design to limit Fatigue
- Sterilize with **H2O2**
- Video/Image Capture **Triggers from Camera**
- Compatible w/Aurora XP-2 and XP-2P Pro

FUTURE PROOFING ENDOSCOPY FOR  
SMALL ANIMAL MEDICINE

# ENDOSCOPY ACCESSORIES





# ENDOSCOPY ACCESSORIES



## Disposable Biopsy Forceps - Large Jaws, Standard and Small Diameters

Jaw	Qty/Bx	Description	Dia.	Length	Inventory Number
Smooth	10	Biopsy Forceps - Disposable No Needle	2.4mm	2300mm	BF-2423NN
Smooth	10	Biopsy Forceps - Disposable No Needle	1.8mm	2300mm	BF-1823NN
Gator	10	Biopsy Forceps - Gator Teeth	2.4mm	2300mm	BF-2423GT
Gator	10	Biopsy Forceps - Gator Teeth	1.8mm	2300mm	BF-1823GT
Fenestrated	10	Biopsy Forceps - Windows Smooth Jaw	2.4mm	2300mm	BF-2423FS
Fenestrated	10	Biopsy Forceps - Windows Smooth Jaw	1.8mm	2300mm	BF-1823FS
Needle	10	Biopsy Forceps - Smooth With Needle	2.4mm	2300mm	BF-2423WN
Needle	10	Biopsy Forceps - Smooth With Needle	1.8mm	2300mm	BF-2823WN

## Reusable Biopsy Forceps - Large Jaws, Standard and Small Diameters

Jaw	Sterilizing	Description	Dia.	Length	Inventory Number
Smooth	Autoclave/H2O2	Biopsy Forceps - Reusable No Needle	2.4mm	2300mm	BF-R-2423NN
Smooth	Autoclave/H2O2	Biopsy Forceps - Reusable No Needle	1.8mm	2300mm	BF-R-1823NN
Smooth	Autoclave/H2O2	Biopsy Forceps - Reusable No Needle	1.8mm	1600mm	BF-R-1816NN

# Artemis **ENDOSCOPY ACCESSORIES**

animal healthcare



**DUNCAN**  
— ENDOSCOPIC RETRIEVAL DEVICES —

Disposable Retrieval Devices – Plastic Coated

Type	Qty/Bx	Description	Dia.	Length	Inventory Number
Rat Tooth	10	Ratigator Style Forceps	2.4mm	2300mm	RT-2423
Rat Tooth	10	Ratigator Style Forceps	1.8mm	2300mm	RT-1823
3-Prong	5	3-prong Grasper	2.4mm	2300mm	GR-3-2423
5-Prong	5	5-prong Grasper	1.8mm	2300mm	GR-5-2423
Basket	5	Helical Wire Basket - 5mm	2.4mm	2300mm	RB-2423WB
Basket	5	Helical Wire Basket - 5mm	1.8mm	2300mm	RB-1823WB
Snare	5	Lasso Style Snare - 15mm	2.4mm	2300mm	WS-15-2423L
Snare	5	Lasso Style Snare - 15mm	1.8mm	2300mm	WS-15-2423L

## Reusable Retrieval Devices- Metal Coil

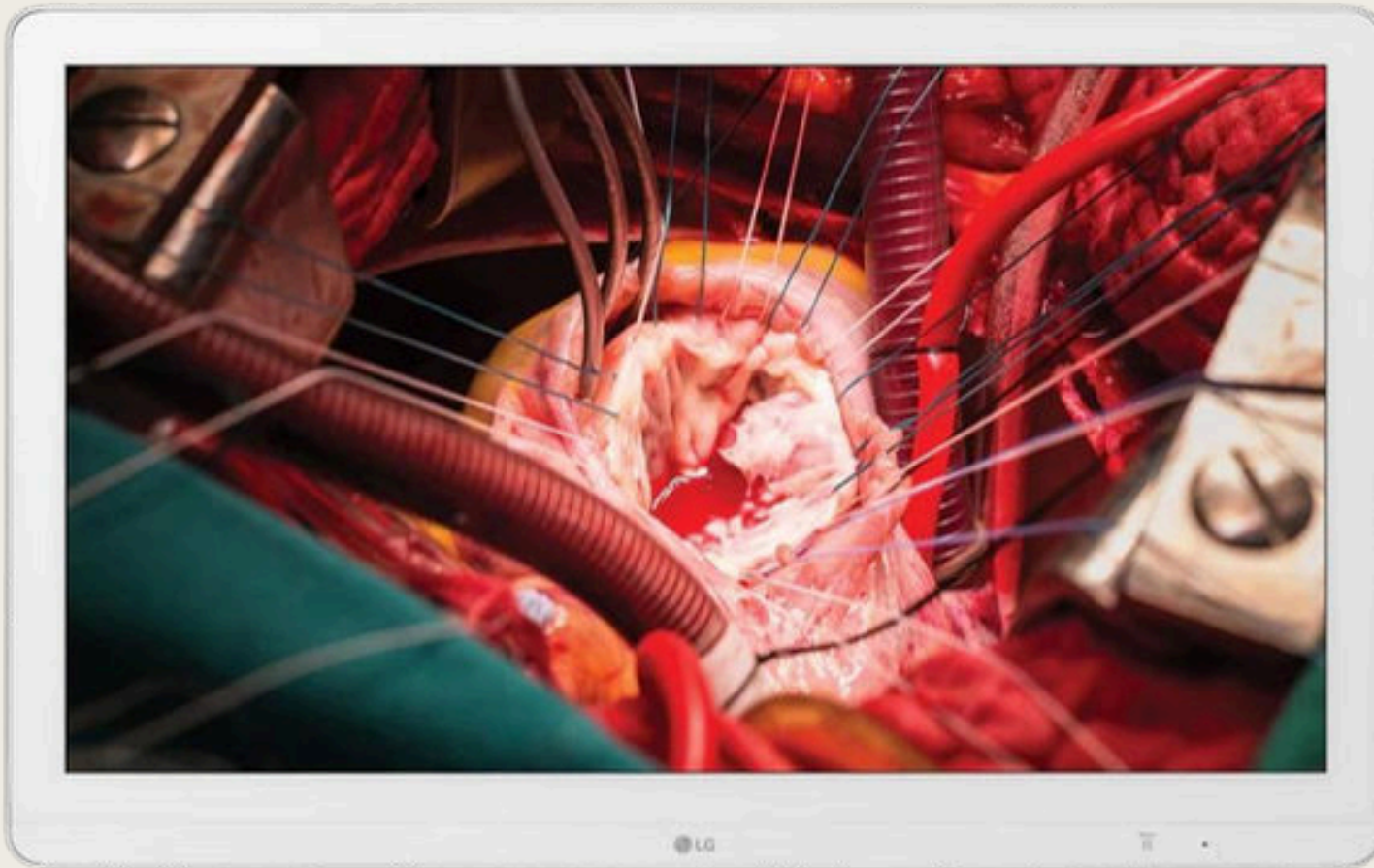
Jaw	Sterilizing	Description	Dia.	Length	Inventory Number
Rat Tooth	Autoclave/H2O2	Pelican Style Forceps	2.4mm	2300mm	RT-2423PE
Rat Tooth	Autoclave/H2O2	Pelican Style Forceps	1.8mm	2300mm	RT-1823PE
Roth Basket	Single Use	Roth Style Retrieval Basket (webbing)	2.4mm	2300mm	RB-ROTH-2423



# XP-C1 CLINICAL TROLLEY

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





# 27" FHD SURGICAL DISPLAY

*Standalone Manufacturer's 3-year Limited Warranty*

## 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.)

## USB

Function	1 upstream, 1 downstream (For calibration)
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## POWER

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

## 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



FUTURE PROOFING ENDOSCOPY FOR  
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# E-500 ENDORRIGATOR



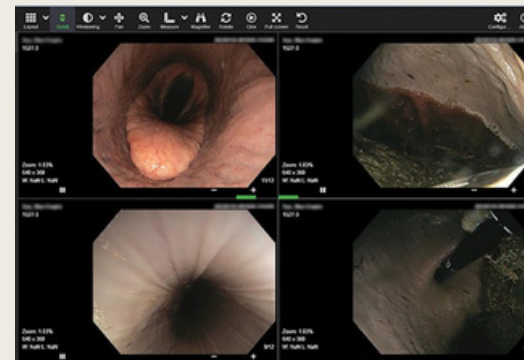
# RESP-O2 ASPIRATION PUMP



# TYPHOON AER



# ENDOSCOPE STORAGE



# AURORA XP

# IMAGE MANAGEMENT

**FUTURE PROOFING ENDOSCOPY FOR  
SMALL ANIMAL MEDICINE**

# **PAIN-FREE SERVICE PLAN**

Post-Warranty Coverage For All Non-Video Related Repairs  
Bite and Fluid Coverage Available  
One Price. Every Year. Fully Covered.

**MANAGING REPAIR  
RISK**

Providing Enterprise Level  
Support and Service.





**for the love of animals**

**Better Patient Outcomes.**



# LET'S CREATE SOMETHING AMAZING TOGETHER



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