LYNMOU

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LYNMOU

Greater Scoping at Ease

Integrated solution for digestive endoscopy



Lynmou Medical reserves the right to modify product configurations and specifications, or discontinue products without prior notice.

LYNMOU

Founded in Hangzhou in 2021, Lynmou Medical is an innovative medical device company with an R&D center in Shenzhen and a manufacturing base in Hangzhou. Our core team brings together talents from leading medical companies and top universities, with extensive experience in the development, commercialization, and globalization of endoscopy technologies.

Lynmou Medical focuses on advanced optical imaging for digestive endoscopy, integrating optics, hardware, software, precision mechanics, and materials science. We pioneered the concept of Full-Scenario Imaging, providing comprehensive imaging solutions from detection and diagnosis to treatment, supporting early cancer screening and clinical decision-making.

Backed by strong R&D and manufacturing capabilities, Lynmou Medical has successfully achieved multiple product certifications. Our self-developed endoscopy system and gastrointestinal endoscopes have been clinically deployed, marking our transition from R&D to commercialization.

Rooted in China with a global vision, Lynmou Medical is committed to innovation, clinical value, and long-term partnerships. We strive to deliver high-quality endoscopy solutions that empower clinicians and benefit patients worldwide.





High Color Restored White Light Imaging



Tissue Color Differentiation Emphasizes Imaging



Superficial Vascular Emphasis Imaging



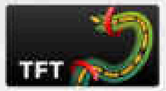
Deep vessel Emphasis and Hemorrhage source Imaging



Recombine Texture，Luminance and Color



Adaptive Bending



True Force Transmission



Tunable Stiffness

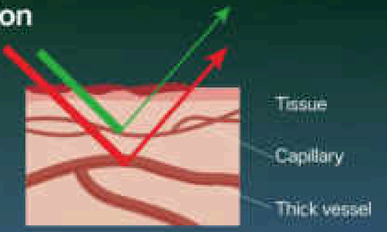
From Detection to Treatment - Full-Scenario Imaging



DHI

China's first integrated bleeding point detection endoscopy, designed for safer treatment

DHI adopts narrower green and red light spectra. By detecting differential values, it enhances the contrast between deep blood vessels or high-concentration blood and the surrounding mucosa, thereby improving the detection of deep blood vessels and bleeding points.



White Light Imaging





HLI

High Color Restored White Light Imaging

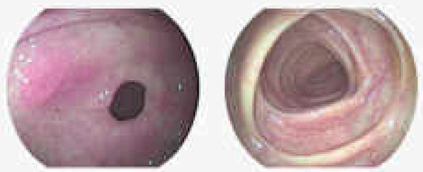




TCI

Tissue Color Differentiation Emphasizes Imaging

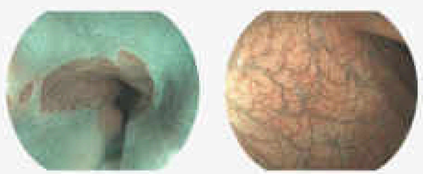




SVI

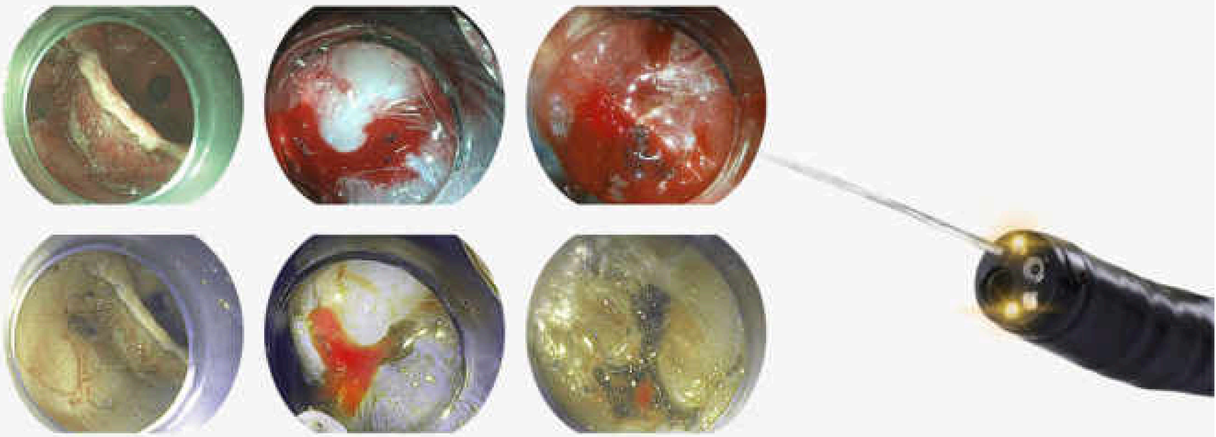
Superficial Vascular Emphasis Imaging





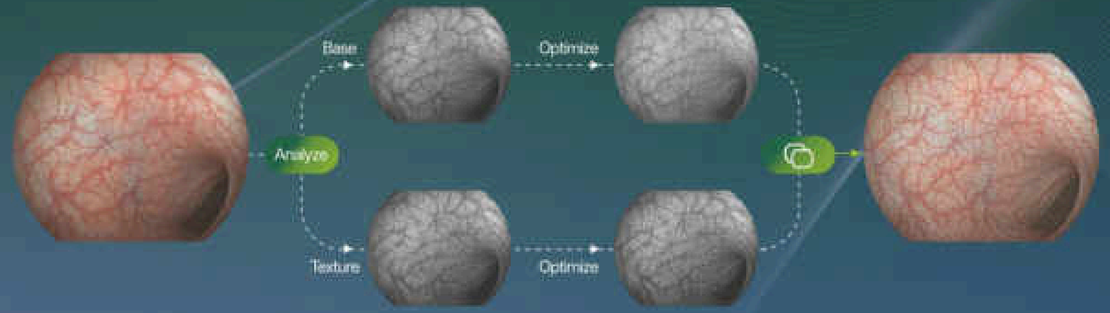
Enhanced deep vessel visualization and bleeding point detection





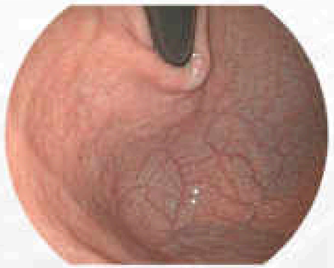
R-TLC Technology
Multi-Dimension Image Enhancement

Based on multi-band digital filters, the endoscopic image is decomposed into spatial-domain detail layers of different frequency bands, and targeted enhancements are applied to the bands that contain blood vessels, mucosa, and tissue contours.





R-TLC mode 1



R-TLC mode 3

Lossless signal transmission, efficient and easy-to-use



4K display with high-speed lossless image transmission



One-Touch connection, plug and play



Pre-freeze, detailed visualization



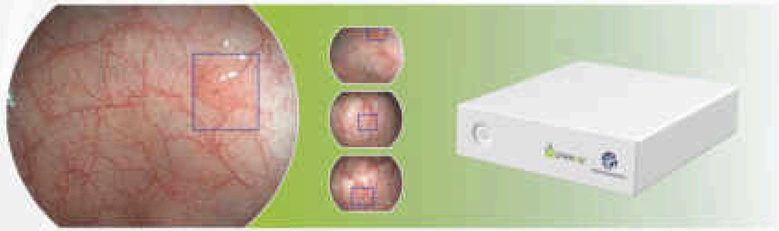
Smart touch panel, Simple and easy to use

Full-scenario + AI

Gastroscopy Solutions
Comprehensive Solution for Gastric and Esophageal Early Cancer Detection

Colonoscopy Solutions
Supporting withdrawal speed monitoring, polyp and adenoma detection, and bowel cleanliness assessment for improved colonoscopy quality.





Excellent Maneuverability

Ergonomic handling with enhanced scope design





Multiple working channel options



Up Angle 210°



Down Angle 120°



145° field of view



Water jet

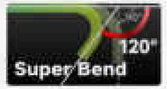


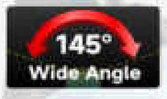
Ergonomic handling

Video Gastroscope 10 Series













Model	Working Length	Field of View	Depth of View	Insertion Dia.	Instrument Dia.	Angulation (U/D)	Angulation (L/R)	Image area, forceps entry position &water jet position
EG-10	1050mm	145°	2-100mm	9.2mm	2.8mm	U210° D120°	L100° R100°	
EG-10T	1050mm	145°	2-100mm	9.6mm	3.2mm	U210° D120°	L100° R100°	
EG-10XT	1050mm	145°	2-100mm	10.7mm	3.7mm	U210° D90°	L100° R100°	

Video Gastroscope 11 Series













Model	Working Length	Field of View	Depth of View	Insertion Dia.	Instrument Dia.	Angulation (U/D)	Angulation (L/R)	Image area, forceps entry position &water jet position
EG-11	1050mm	145°	2-100mm	9.2mm	2.8mm	U210° D120°	L100° R100°	
EG-11T	1050mm	145°	2-100mm	9.6mm	3.2mm	U210° D120°	L100° R100°	
EG-11XT	1050mm	145°	2-100mm	10.6mm	3.7mm	U210° D90°	L100° R100°	
EG-11N	1100mm	145°	2-100mm	5.9mm	2.2mm	U210° D90°	L100° R100°	
EG-11NT	1100mm	145°	2-100mm	5.9mm	2.2mm	U210° D90°	L100° R100°	

Video Gastroscope 12 Series

















Model	Working Length	Field of View	Depth of View	Insertion Dia.	Instrument Dia.	Angulation (U/D)	Angulation (L/R)	Image area, forceps entry position &water jet position
EG-12N	1100mm	145°	2-100mm	5.8mm	2.2mm	U210° D90°	L100° R100°	
EG-12NT	1100mm	145°	2-100mm	5.8mm	2.2mm	U210° D90°	L100° R100°	
EG-12Z	1100mm	145°	2-100mm	9.5mm	2.8mm	U210° D120°	L100° R100°	
EG-12ZT	1100mm	145°	2-100mm	9.8mm	3.2mm	U210° D120°	L100° R100°	

ATT Technology

Unique ATT for effortless control and extended clinical reach





Adaptive Bending (AB)



Tunable Stiffness (TS)



True Force Transmission (TFT)



Improved approach



170° field of view

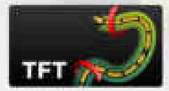


Multiple working channel options

Video Colonoscope 11 Series













Model	Working Length	Field of View	Depth of View	Insertion Dia.	Instrument Dia.	Angulation (U/D)	Angulation (L/R)	Image area, forceps entry position &water jet position
EC-11/L	1350mm 1700mm	170°	2-100mm	11.8mm	3.8mm	U180° D180°	L160° R160°	
EC-11T/TL	1350mm 1700mm	170°	2-100mm	12.2mm	4.2mm	U180° D180°	L160° R160°	
EC-11PS	800mm	170°	2-100mm	11.2mm	3.2mm	U210° D180°	L160° R160°	

Video Colonoscope 10 Series













Model	Working Length	Field of View	Depth of View	Insertion Dia.	Instrument Dia.	Angulation (U/D)	Angulation (L/R)	Image area, forceps entry position &water jet position
EC-10/L	1350mm 1700mm	170°	2-100mm	11.8mm	3.7mm	U180° D180°	L160° R160°	
EC-10T/TL	1350mm 1700mm	170°	2-100mm	12.5mm	4.2mm	U180° D180°	L160° R160°	
EC-10P/PL	1350mm 1700mm	170°	2-100mm	11.3mm	3.2mm	U210° D180°	L160° R160°	
EC-10S	800mm	170°	2-100mm	11.8mm	3.7mm	U180° D180°	L160° R160°	
EC-10TS	800mm	170°	2-100mm	12.5mm	4.2mm	U180° D180°	L160° R160°	

Video Colonoscope 12 Series

















Model	Working Length	Field of View	Depth of View	Insertion Dia.	Instrument Dia.	Angulation (U/D)	Angulation (L/R)	Image area, forceps entry position &water jet position
EC-12V/VL	1350mm 1700mm	170°	2-100mm	11.8mm	3.8mm	U180° D180°	L160° R160°	
EC-12VT/VTL	1350mm 1700mm	170°	2-100mm	12.2mm	4.2mm	U180° D180°	L160° R160°	
EC-12VP/VPL	1350mm 1700mm	170°	2-100mm	11.2mm	3.2mm	U210° D180°	L160° R160°	

NEW Alioth VC-1900 series 4K





- **Full-Scenario Special Light Imaging**
  From detection to diagnosis and treatment (HLI / TCI / SVI / DHI)
- **DHI – Deep Vessel Emphasis and Hemorrhage Source Imaging**
  Highlights deep vessels and bleeding points for faster hemostasis
- **R-TLC Technology**
  Clearer images with enhanced brightness, details and far-field visibility
- **Built-in 2TB Storage**

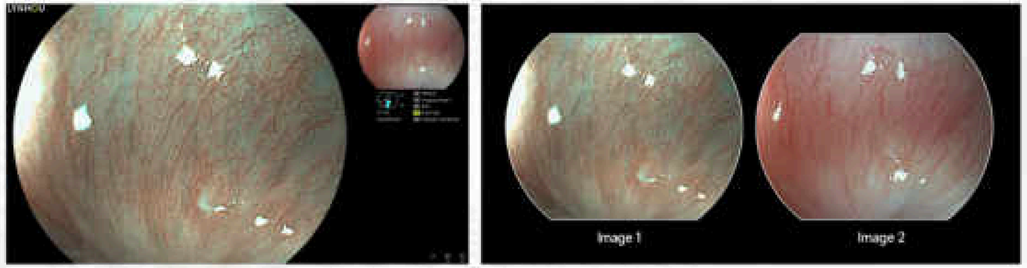
5 LED Brand-new multi-wavelength LED light source

The brand-new 5-wavelength LED light source offers more precise spectral control and enhanced color reproduction, covering full-scenario applications in observation, diagnosis, and treatment.



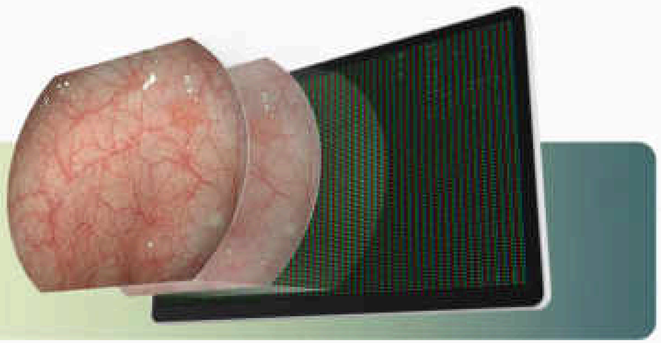
Dual Screen Mode

Support the simultaneous display and comparison of white light images and special light images on the same screen, enhancing diagnosis and treatment efficiency



4K delivers high-speed and lossless performance.

Support 4K, ultra-high-definition video output resolution of 3840X2160, resulting in clearer images.



Alioth VC-1600 series



R-TLC | HLI | TCI | SVI | DHI

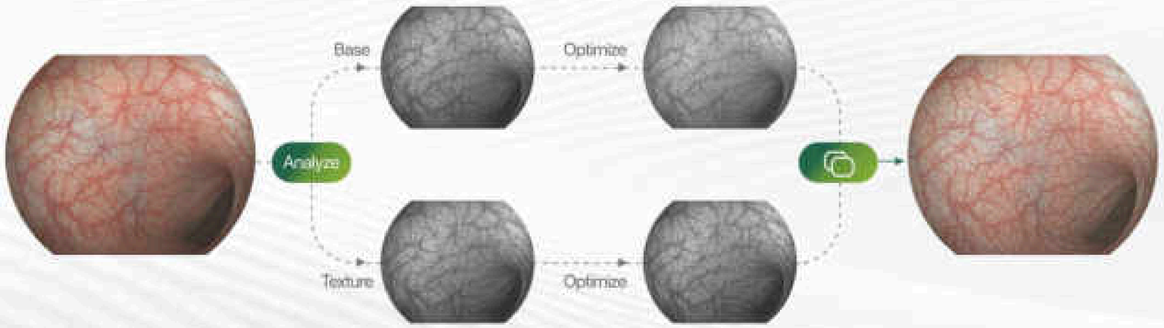
- **Full-Scenario Special Light Imaging**
  From detection to diagnosis and treatment (HLI / TCI / SVI / DHI)
- **DHI - Deep Vessel Emphasis and Hemorrhage Source Imaging**
  Highlights deep vessels and bleeding points for faster hemostasis
- **R-TLC Technology**
  Clearer images with enhanced brightness, details and far-field visibility
- **Built-in 2TB Storage**

From Detection to Treatment - Full-Scenario Imaging



R-TLC Technology
Multi-Dimension Image Enhancement

Based on multi-band digital filters, the endoscopic image is decomposed into spatial-domain detail layers of different frequency bands, and targeted enhancements are applied to the bands that contain blood vessels, mucosa, and tissue contours.



White Light Imaging



HLI
High Color Restored White Light Imaging



TCI
Tissue Color Differentiation Emphasizes Imaging



SVI
Superficial Vascular Emphasis Imaging

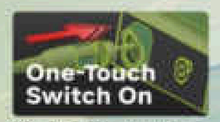
Alioth VC-880 series



R-TLC HLI TCI SVI

- **High-Speed Digital Transmission**
  Lossless signal transmission for stable and sharp images
- **27" High-Definition Medical Monitor**
  Clear display for routine endoscopic procedures
- **Special Light Imaging (HLI / TCI / SVI)**
  Enhanced lesion detection and diagnosis
- **R-TLC Technology**
  Clearer images with enhanced brightness, details and far-field visibility
- **Built-in 2TB Storage**

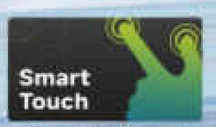
Lossless signal transmission, efficient and easy-to-use



One Touch connection, plug and play



Pre-freeze, detailed visualization



Smart touch panel, Simple and easy to use

R-TLC

R-TLC Technology
Multi-Dimension Image Enhancement

Based on multi-band digital filters, the endoscopic image is decomposed into spatial-domain detail layers of different frequency bands, and targeted enhancements are applied to the bands that contain blood vessels, mucosa, and tissue contours.



R-TLC mode1



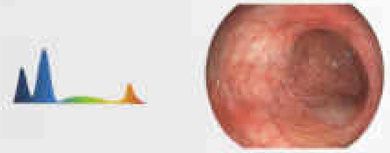
R-TLC mode3

Multi-mode Imaging

With an integrated multi-wavelength LED light source, the system provides 4 imaging modes—White Light, HLI, SVI, and TCI—enabling visualization of mucosal layers at different depths.

HLI

High Color Restored White Light Imaging



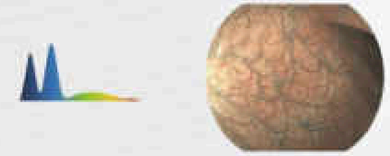
TCI

Tissue Color Differentiation Emphasizes Imaging



SVI

Superficial Vascular Emphasis Imaging



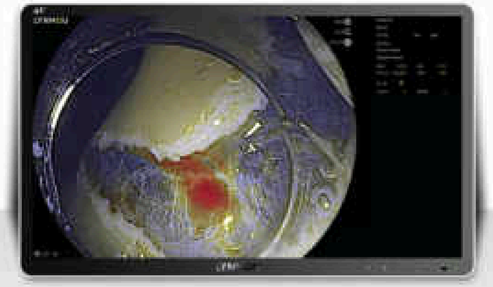
LMSA-6310



Product Name	LMSA-6301
Specifications (L×W×H,mm)	650 × 685 × 1165-1720
Materials	Aluminum SUS (Stainless Steel) PP (Polypropylene) Steel
Net Weight	65 kg

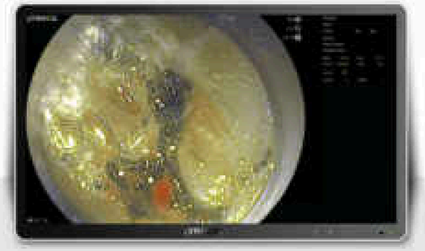
- The trolley is manufactured through advanced mold-based production, ensuring comprehensive functionality, enhanced safety, and high-quality performance with premium components and cutting-edge processing techniques.
- Streamlined and ergonomic design offers both aesthetic appeal and practical use, with stable performance and reliable safety.
- Equipped with large-diameter casters for smooth and quiet mobility.
- Safe and reliable operation, saving both time and effort.

LMEM-1501



32"LED

LMEM-1601



27"LED

Technical specification	Size	32"LED
	Resolution	3840X2160
	Contrastratio	1350:1
	Screen brightness	850cd/m2
	Viewing angle	178°
	Protection	Equipped with anti fingerprint and anti reflective glass
Output	DVI	Support DVI output
	HDMI	Support HDMI2.0
	SDI	Support 3G SDI
Netweight	11.5kg	

Technical specification	Size	27"LED
	Resolution	1920X1080
	Contrastratio	1000:1
	Screen brightness	1000cd/m2
	Viewing angle	178°
	Protection	Equipped with anti fingerprint and anti reflective glass
Output	DVI	Support DVI output
	HDMI	Support HDMI2.0
	SDI	Support 3G SDI
Netweight	8.5kg	