

## Functions and Features

Light Source	5LED
Chromoendoscopy	CBI Regular/CBI Indigo/CBI Aqua /CBI Amber
Image Enhancement	Structure/Edge/Color
Brightness Adjustment	Automatic /Manual mode
Digital zooming function	1/1.2/1.5/1.8/2 times
Freeze and playback	Freezes the real-time image and plays it back.
IRIS	Peak/Average/Auto
USB Storage	High definition images and videos can be stored at any time
Dual Image Display	Display of two image modes at the same time

## UHD-GT/CL/ED

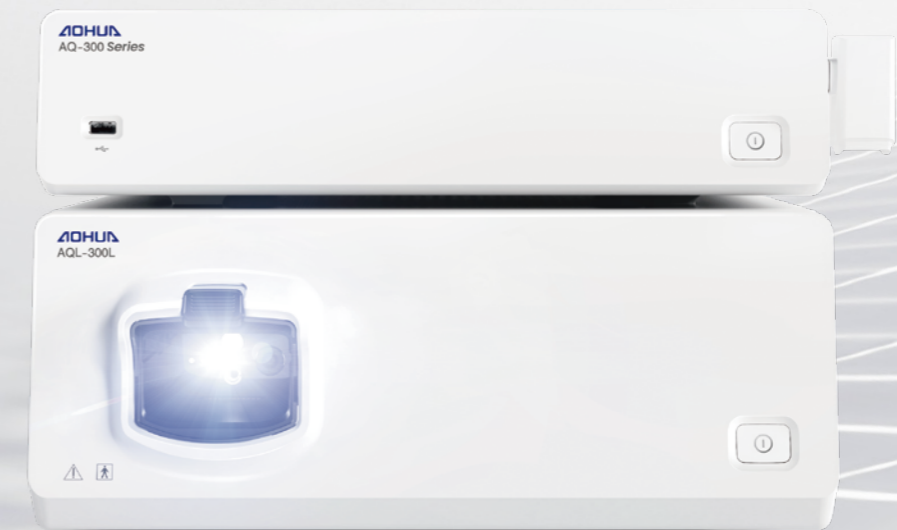
	Model	Working length	Total length	Outer diameter of distal end	Outer diameter of main flexible tube	Inner diameter of instrument channel	Depth	View of field	Range of bending
Video Gastrosopes	*UHD-GT300	1050mm	1350mm	9.2mm	9.2mm	2.8mm	2-100mm	145°	U210°D90°L100°R100°
	*UHD-GT300T	1050mm	1350mm	9.6mm	9.8mm	3.2mm	2-100mm	145°	U210°D120°L100°R100°
	*UHD-GT300Q	1050mm	1350mm	10.2mm	9.6mm	2.8mm	1.5-7mm (Near) 7-100mm (Normal)	145° 145°	U210°D90°L100°R100°
	*UHD-GT300Z	1050mm	1350mm	9.9mm	9.6mm	2.8mm	1.5-3mm (Mag.) 3-100mm (Normal)	95° 145°	U210°D90°L100°R100°
Video Colonoscopes	*UHD-CL300I	1300mm	1600mm	12.2mm	12.0mm	3.7mm	2-100mm	170°	U180°D180°L160°R160°
	*UHD-CL300L	1650mm	1950mm	12.2mm	12.0mm	3.7mm	2-100mm	170°	U180°D180°L160°R160°
	*UHD-CL300TI	1300mm	1600mm	12.2mm	12.0mm	4.2mm	2-100mm	170°	U180°D180°L160°R160°
	*UHD-CL300TL	1650mm	1950mm	12.2mm	12.0mm	4.2mm	2-100mm	170°	U180°D180°L160°R160°
	*UHD-CL300QI	1300mm	1600mm	12.8mm	12.0mm	3.7mm	3-9mm (Near) 9-100mm (Normal)	160° 170°	U180°D180°L160°R160°
	*UHD-CL300QL	1650mm	1950mm	12.8mm	12.0mm	3.7mm	3-9mm (Near) 9-100mm (Normal)	160° 170°	U180°D180°L160°R160°
	*UHD-CL300ZI	1300mm	1600mm	12.8mm	12.0mm	3.7mm	2-3.5mm (Mag.) 3-100mm (Normal)	90° 170°	U180°D180°L160°R160°
	*UHD-CL300ZL	1650mm	1950mm	12.8mm	12.0mm	3.7mm	2-3.5mm (Mag.) 3-100mm (Normal)	90° 170°	U180°D180°L160°R160°
Video Duodenoscope	UHD-ED300V	1250mm	1530mm	13.5mm	11.2mm	4.2mm	4-60mm	100°	U120°D90°L90°R110°

(\*: Forwarding water-jet)

# AOHUA

## VIDEO ENDOSCOPY SYSTEM

### AQ-300



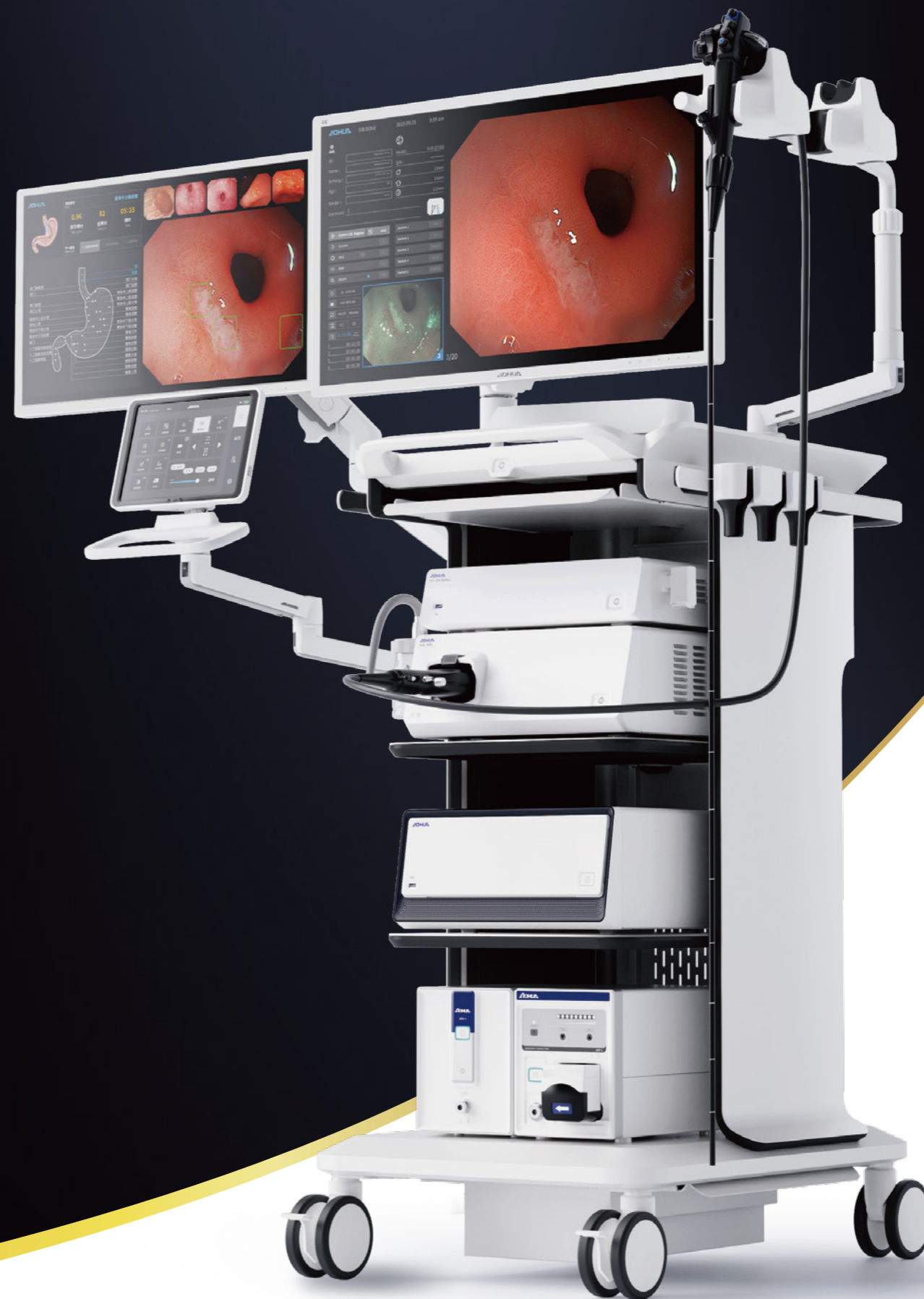
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See the Manual for details of contraindications or precautions.

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**4K**

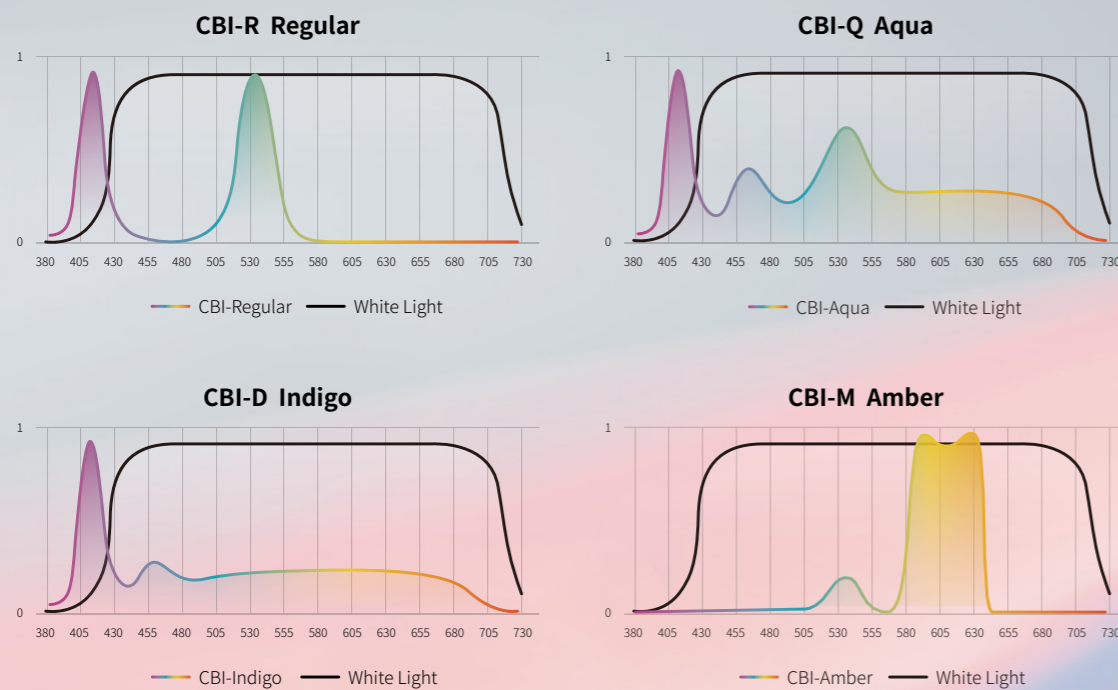
# The Future Of Endoscopy Is Here

With a 4K Display and the 4K Processor, the AQ-300 offers an improved endoscopic image, to advance your diagnosis.



# 4 CBI Modes On 5LED

The AQ-300 offers four chromoendoscopy modes achieved through various combinations of its five LED light source. These modes provide efficient, fast, and accurate solutions for clinical problems in different scenarios.



# Intelligent

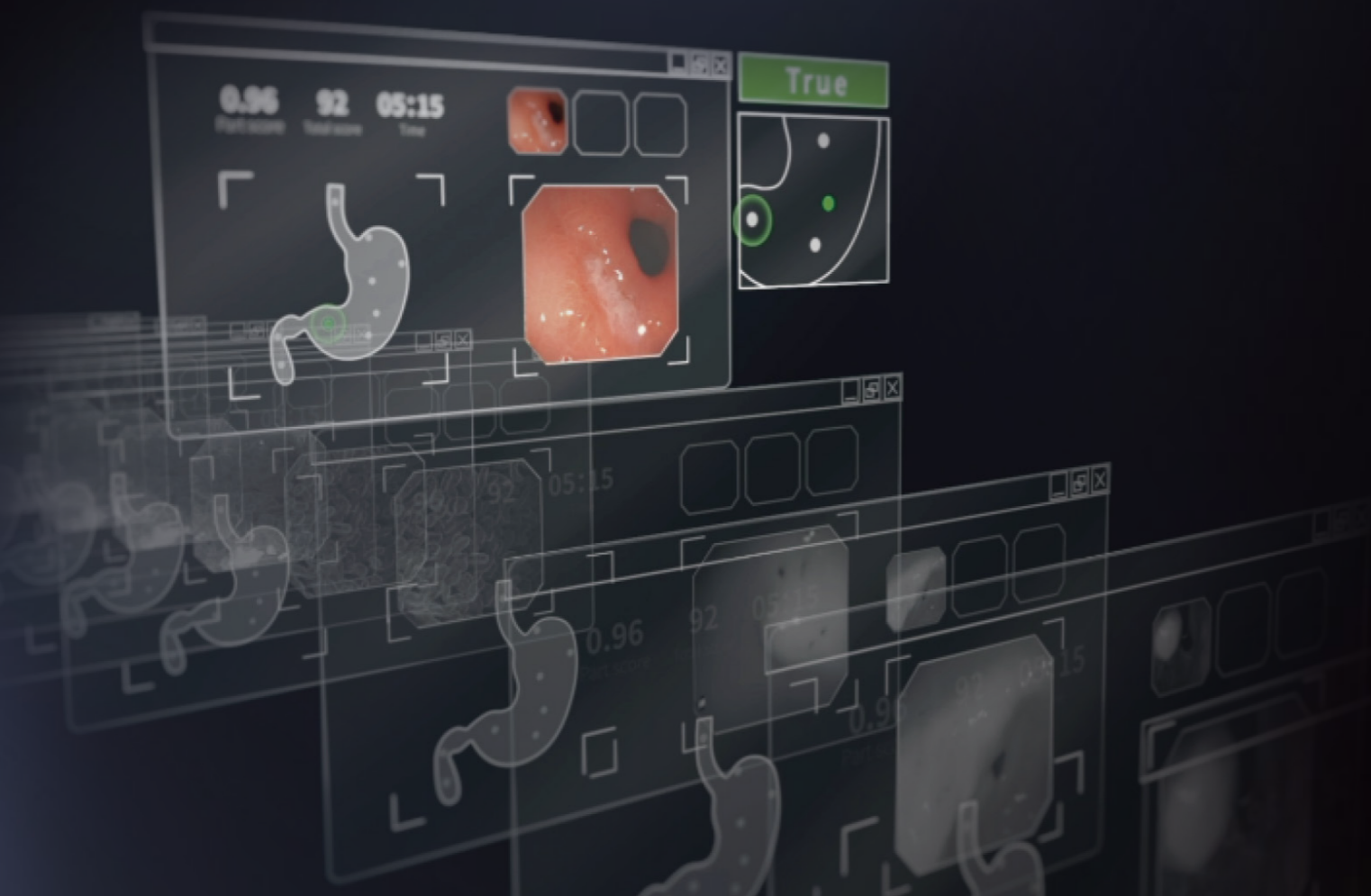
## An Innovative Human-Computer Interaction Model

Experience the advanced intelligent operation flow of the AQ-300, which includes features such as face recognition, voice control, and other customizable settings.



## Intelligent Diagnostic Support

The AQ-300 can capture endoscopic examination images in real-time and provide powerful features such as intelligent examination sequence guidance, identification of missed areas, field of view assessment, and operation time recording. This further enhances the efficiency and accuracy of diagnosis and treatment.





# Colo Smart Assistance (CSA)



## Adjustable Stiffness

The stiffness of the Colonoscope can be adjusted using the adjustment ring, allowing customization according to the specific requirements of different colon segments.



## Elastic Bending

The Colonoscope features adaptive twisting, which responds to the steering of different parts of the colon. This technology reduces the need for manual manipulation of the endoscope, enhancing patient comfort during the procedure.



## Sync Force Transmission

The sync force transmission mechanism effectively transfers push-pull and rotational forces to the apex of the colonoscope, allowing for easier access to the cecum.



# High-end Configuration

## 5th Generation Handle

The newly launched handle design is lighter which, effectively reduces hand fatigue.

## Standard Forwarding Water-jet

The entire series of gastrointestinal endoscopes includes the forwarding water-jet function, which helps maintain a clear view during diagnosis and treatment.

## Large Instrument Channel

The available options include a 3.2mm large instrument channel gastroscope and a 4.2mm large instrument channel colonoscope.

## 170° field of view

The AQ-300 offers a wider field of view, which is included in the entire colonoscopy series.

## 3 Light Guides

The endoscopic tip is designed with 3 light guides, ensuring brighter and more uniform illumination, especially for far-field areas.



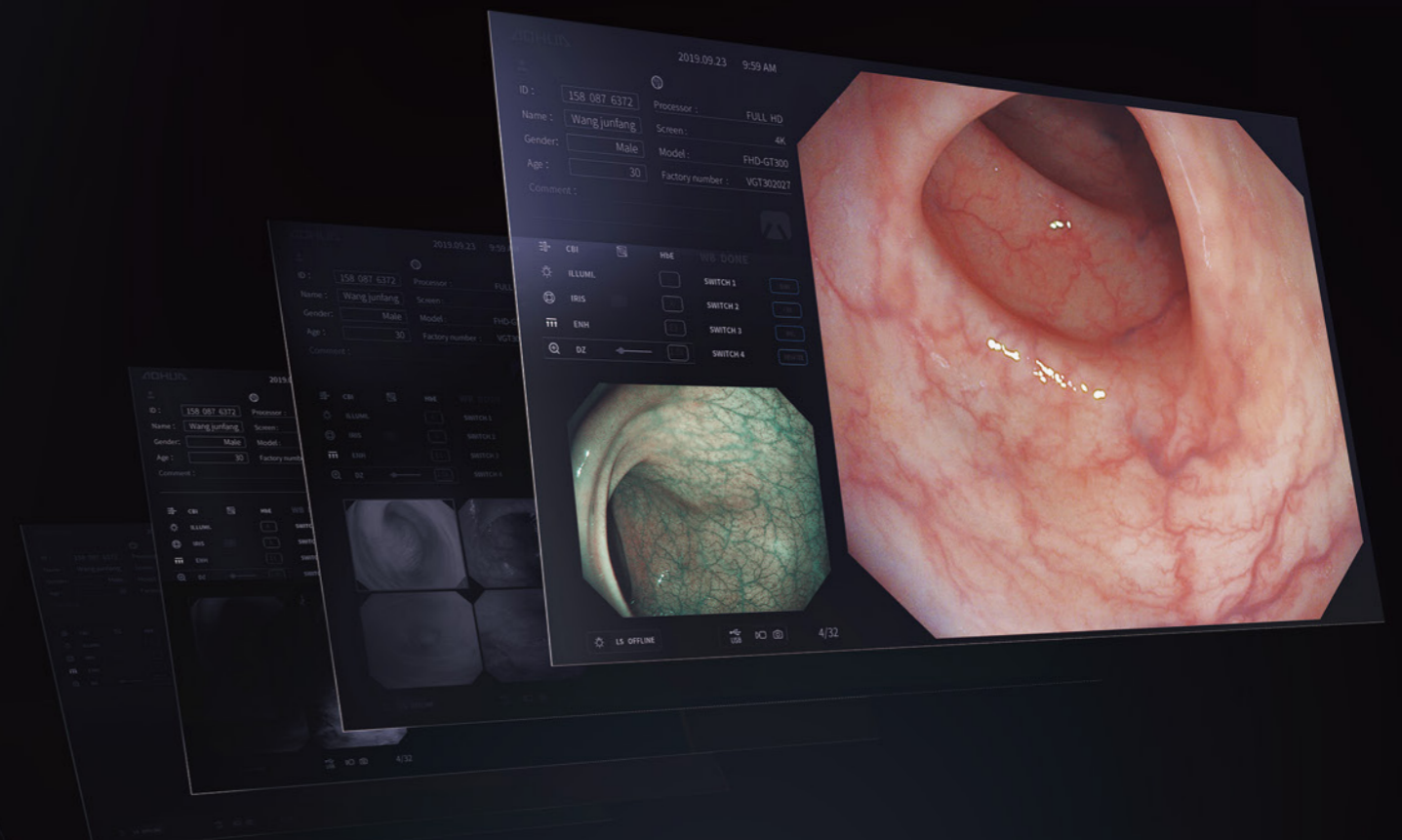


# Laser Transmission And Wireless Power Supply

The integration of laser transmission enables high-speed transmission and improved insulation strength and anti-interference of high-frequency signals, ensuring a more stable transmission of images. Additionally, the implementation of wireless power supply technology eliminates the risk of patients being exposed to electric leakage.

# Dual Image Display

The AQ-300 enables the display of both white light and optical chromoendoscopy images on the same screen, allowing for a clear visualization of the differences between the two.





# Compatible With Advanced Scopes

Duodenoscope / Optical zoom / Dual-focus  
And more...

