

Functions and Features

Light Source	5LED
Chromoendoscopy	CBI Regular/CBI Indigo/CBI Aqua /CBI Amber
Image Enhancement	Structure/Edge/Combination
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 both WLI image and CBI image

UHD-GT/CL/ED

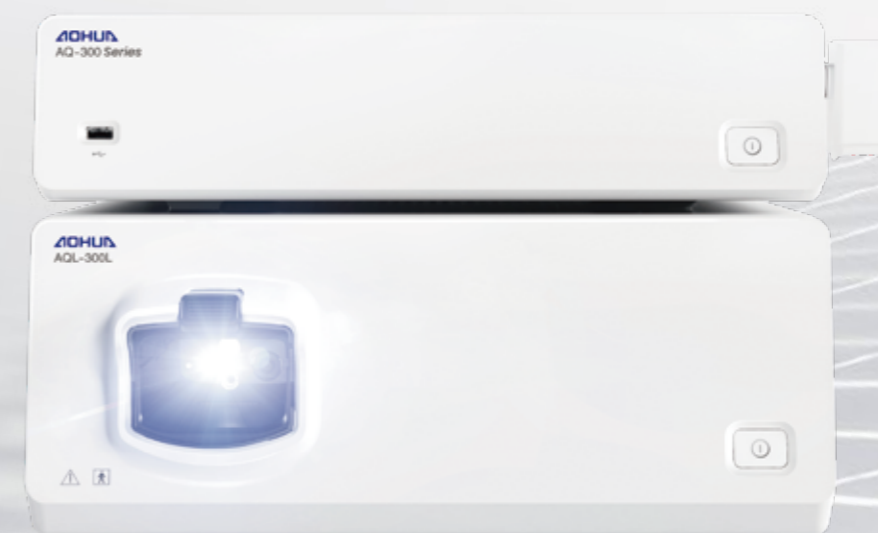
	Model	Working length	Total length	Distal End outer diameter	Insertion Tube outer diameter	Instrument Channel inner diameter	Depth of field	Field of View	Angulation range
Video Gastroscopes	*UHD-GT300	1050mm	1350mm	9.2mm	9.2mm	2.8mm	2-100mm	145°	U210°D90°L100°R100°
	*UHD-GT300T	1050mm	1350mm	9.8mm	9.6mm	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°	U210°D90°L100°R100°
	*UHD-GT300Z	1050mm	1350mm	9.9mm	9.6mm	2.8mm	1.5-3mm (Close.) 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	1.5-9mm (Near) 9-100mm (Normal)	160° 170°	U180°D180°L160°R160°
	*UHD-CL300QL	1650mm	1950mm	12.8mm	12.0mm	3.7mm	1.5-9mm (Near) 9-100mm (Normal)	160° 170°	U180°D180°L160°R160°
	*UHD-CL300ZI	1300mm	1600mm	12.8mm	12.0mm	3.7mm	2-3.5mm (Close.) 3-100mm (Normal)	90° 170°	U180°D180°L160°R160°
	*UHD-CL300ZL	1650mm	1950mm	12.8mm	12.0mm	3.7mm	2-3.5mm (Close.) 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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AOHUA

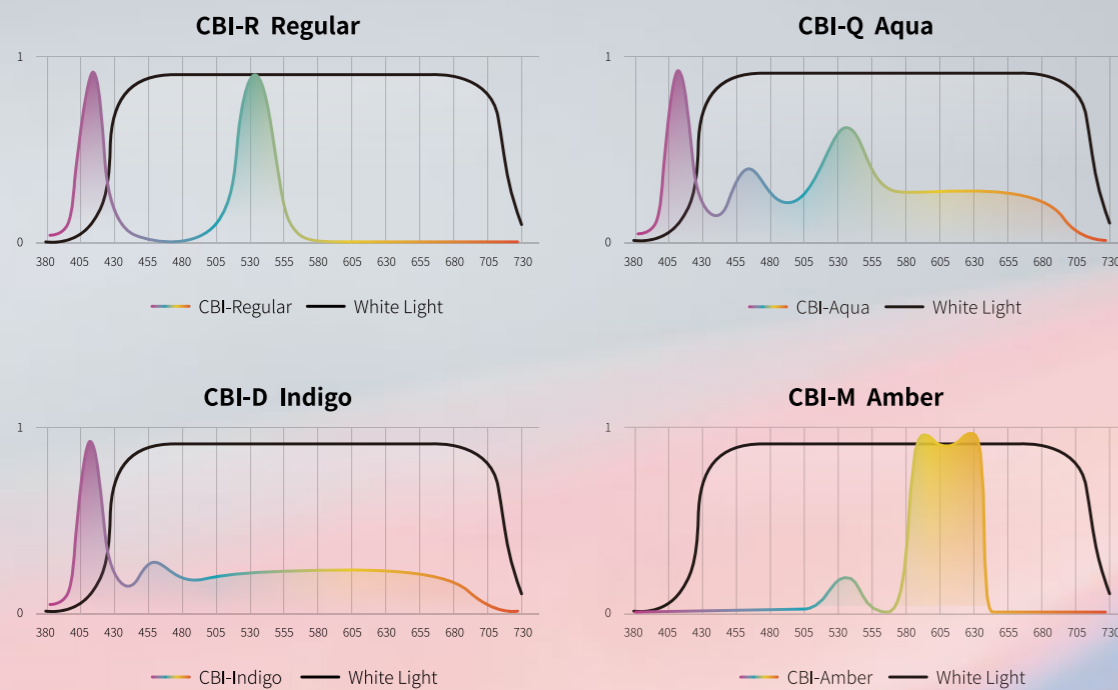


The Future Of Endoscopy Is Here

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

4 CBI Modes On 5LEDs

The AQ-300 provides four chromoendoscopy modes achieved through various combinations of its five LEDs light source. These modes offer efficient, rapid, and precise solutions for clinical challenges in various scenarios.



Intelligent

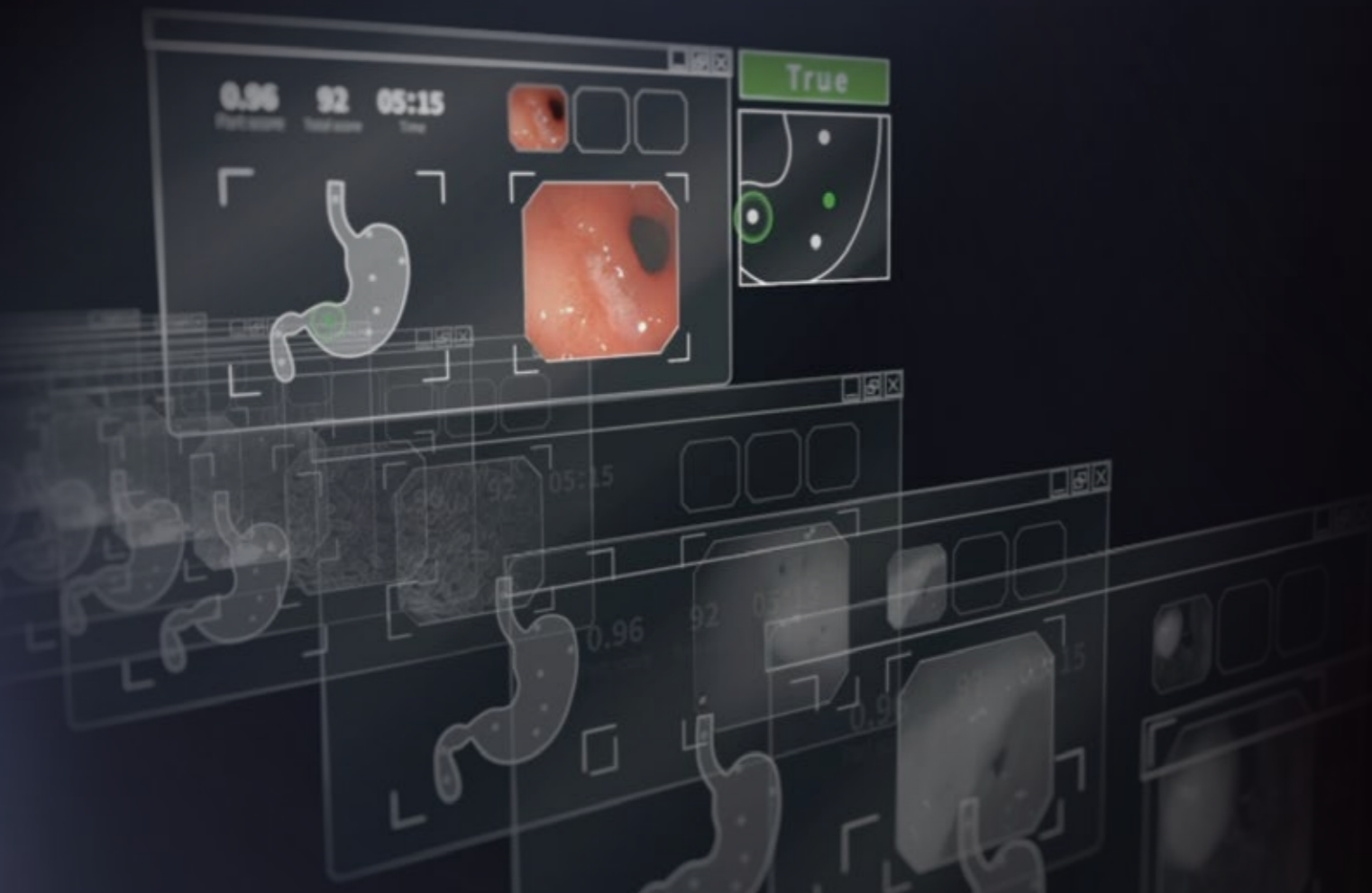
An Innovative Human-Computer Interaction Model

Discover the AQ-300's advanced intelligent operational flow, featuring capabilities like facial recognition, voice control, and customizable settings accessible via a remote touch control panel.



Intelligent Diagnostic Support

The AQ-300 can capture real-time endoscopic examination images and offers robust features like intelligent examination sequence guidance, identification of missed areas, field of view assessment, and operation time recording. These functionalities significantly enhance the efficiency and precision of diagnosis and treatment.



Colo Smart Assistance (CSA)



Adjustable Stiffness

The stiffness of the colonoscope can be adjusted with the adjustment ring to meet the specific requirements of different colon segments.



Elastic Bending

The colonoscope incorporates adaptive twisting technology that responds to the steering of different colon segments. This technology minimizes the necessity for manual manipulation of the endoscope, ultimately improving patient comfort.



Sync Force Transmission

The sync force transmission mechanism efficiently transfers both push-pull and rotational forces to the apex of the colonoscope, facilitating easier access to the cecum.



High-end Configuration

5th Generation Handle

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

Standard Forwarding Water-jet

The entire range of gastrointestinal endoscopes is equipped with the forward water-jet function, which aids in maintaining a clear view during diagnosis and treatment.

Large Instrument Channel

Available options include a gastroscope with a 3.2mm large instrument channel and a colonoscope with a 4.2mm large instrument channel.

170° field of view

The AQ-300 provides a wider field of view, a feature available across the entire colonoscope 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 incorporation of laser transmission enhances high-speed data transmission while improving insulation strength and resistance to high-frequency signal interference. This results in a more reliable image transmission. Furthermore, the adoption of wireless power supply technology eliminates the risk of patient exposure to electric leakage.

Dual Image Display

The AQ-300 facilitates the simultaneous display of both white light and optical chromoendoscopy images on the same screen, enabling a clear differentiation between the two.



Compatible With Advanced Scopes

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

