



New Essential Endoscopy System

AQ-120

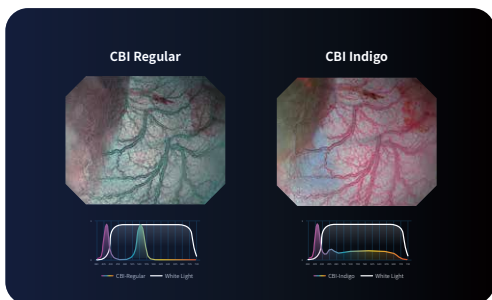


Endoscopy System



FHD Superior Images Resolution

The AQ-120 adapts a FHD CMOS sensor to provide a high quality image. It produces a clear and sharp contrast on the edge between different tissues, displaying a superior image with more details to you.



Beneficial 3-LED featuring 2 CBI Modes

The AQ-120 features two widely utilized chromoendoscopy modes, which are made possible by the diverse combinations of its three LED light sources. These modes deliver effective, rapid, and precise solutions for clinical challenges across various situations.



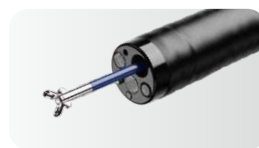
10.1-Inch Intuitive Touch Panel

The entire system can be effortlessly managed through a 10.1-inch touch screen. This customizable interface enhances the ease, convenience, and intelligence of system control.



Versatile Applications

The AQ-120 builds upon the legacy of its predecessors while being specifically engineered for the latest generation of endoscopes. It caters to the diverse requirements of various departments, including gastroenterology, pulmonology, respiratory care, and ENT. This device supports a wide range of applications, from fundamental diagnostics to advanced therapeutic procedures, all while allowing for future expansion capabilities.



3.8mm

Large Instrument Channel



170°

Wide Field of View

VCC/VGT

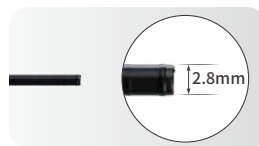
	Model	Working length	Total length	Distal end outer diameter	Insertion tube outer diameter	Instrument channel inner diameter	Depth of field	Field of View	Angulation range
Video Gastroscopes	*VGT-Q50J	1100mm	1400mm	9.2mm	9.2mm	2.8mm	2-100mm	145°	U210°D120°L100° R100°
	*VGT-1T50J	1100mm	1400mm	9.8mm	9.6mm	3.2mm	2-100mm	145°	U210°D120°L100° R100°
Video Colonoscopes	*VCC-Q50JI	1350mm	1650mm	12.2mm	12.0mm	3.8mm	2-100mm	170°	U180°D180°L160° R160°
	*VCC-Q50JL	1700mm	2000mm	12.2mm	12.0mm	3.8mm	2-100mm	170°	U180°D180°L160° R160°
	*VCC-1T50JI	1350mm	1650mm	12.2mm	12.0mm	4.2mm	2-100mm	170°	U180°D180°L160° R160°
	*VCC-1T50JL	1700mm	2000mm	12.2mm	12.0mm	4.2mm	2-100mm	170°	U180°D180°L160° R160°

*: Forwarding water-jet



3.2mm *VBC-T50H

Ultra-large instrument channel



2.8mm

Ultra-slim distal end

VBC-50 Series Video Bronchoscope

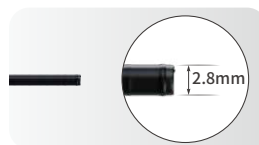
Model	Working length	Total length	Distal end outer diameter	Insertion tube diameter	Instrument channel inner diameter	Depth of field	Field of view	Angulation range	Left/right rotation
VBC-XQ50	600mm	870mm	2.8mm	2.8mm	1.2mm	2-100mm	120°	U210°D130°	L120°R120°
VBC-Q50	600mm	870mm	3.8mm	3.8mm	2.2mm	2-100mm	120°	U210°D130°	L120°R120°
VBC-T50	600mm	870mm	4.9mm	4.9mm	3.0mm	2-100mm	120°	U210°D130°	L120°R120°
* VBC-Q50H	600mm	870mm	4.9mm	4.9mm	2.2mm	2-100mm	120°	U210°D130°	L120°R120°
* VBC-T50H	600mm	870mm	5.8mm	6.1mm	3.2mm	2-100mm	120°	U210°D130°	L120°R120°

* supports HDTV image



2.2mm *VRL-Q50H

Ultra-large instrument channel



2.8mm

Ultra-slim distal end

VRL-50 Series Video Laryngoscope


Model	Working length	Total length	Distal end outer diameter	Insertion tube diameter	Instrument channel inner diameter	Depth of field	Field of view	Angulation range
*VRL-XQ50H	300mm	570mm	2.8mm	2.8mm	/	2-100mm	120°	U160°D130°
*VRL-Q50H	380mm	650mm	4.9mm	4.9mm	2.2mm	2-100mm	120°	U160°D130°

* supports HDTV image

Functions and Features

Illumination	3LED lightsource
Chromoendoscopy	CBI Regular/CBI Indigo
Image enhancement	Structure/Edge/HBE
Brightness adjustment	Automatic /Manual mode
Digital zoom	1.0x, 1.2x, 1.5x, 1.8x, 2.0x, 4.0x
Freeze and playback	Freezes the real-time image and plays it back.
IRIS	Peak/ Average/ Auto
Internal Storage	500G
External Storage	USB
User interface	10.1inch customizable touchscreen



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See the Manual for details of contraindications or precautions.

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