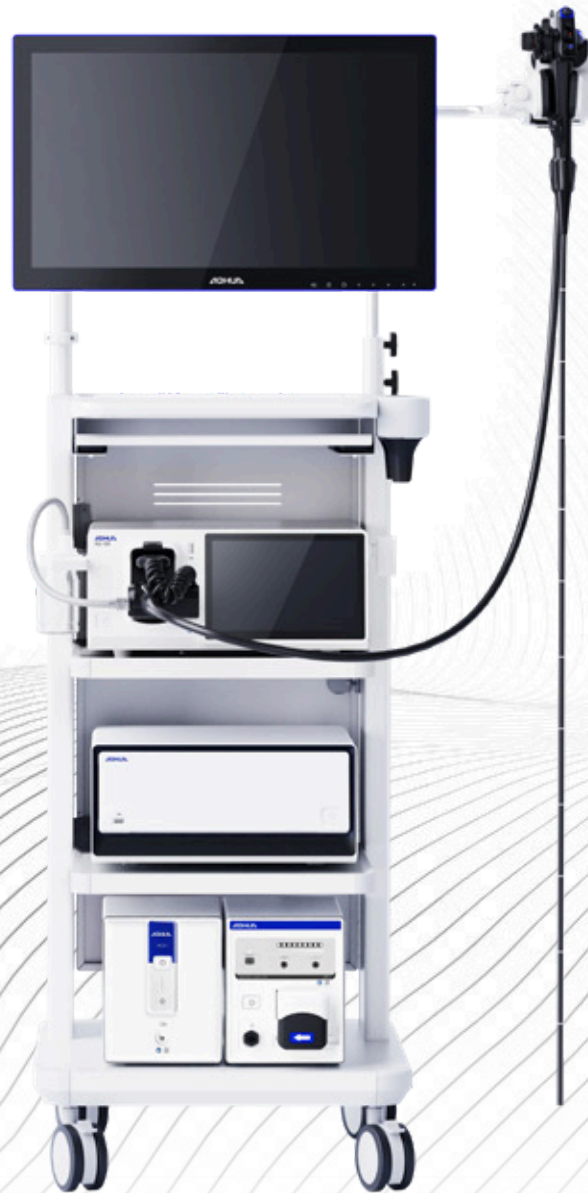


# SELENAR Series

illuminating New Standards in Endoscopy

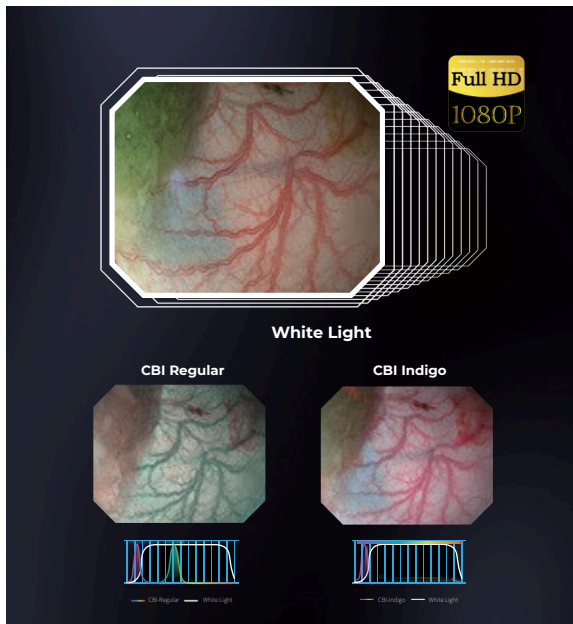


AQ-120  
Video Processor

# SELENAR AQ-120 FHD Endoscopy System

## Illuminating New Standards in Endoscopy

The Selenar AQ-120 is engineered to provide you with access to advanced standards and state-of-the-art technologies resulting from industry advancements, allowing you to enhance your daily practice in a cost-effective manner.



### FHD Superior Image 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 Selenar 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

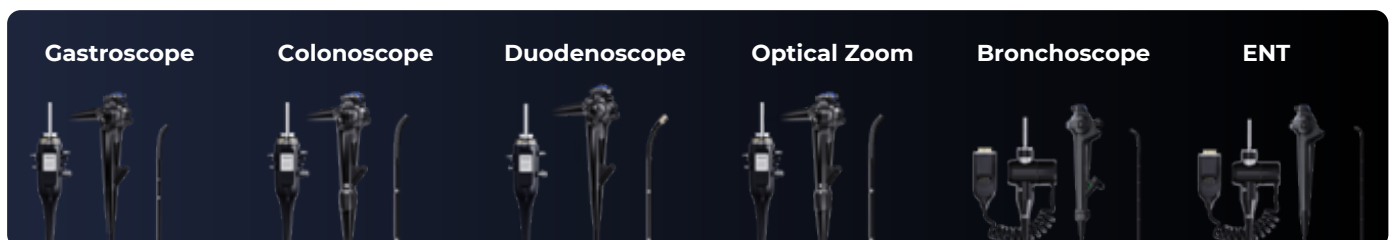
The entire system can be effortlessly managed through a 10.1-inch touch screen. The customizable interface enhances the ease, convenience and intelligence of system control.

DICOM feature integrated.



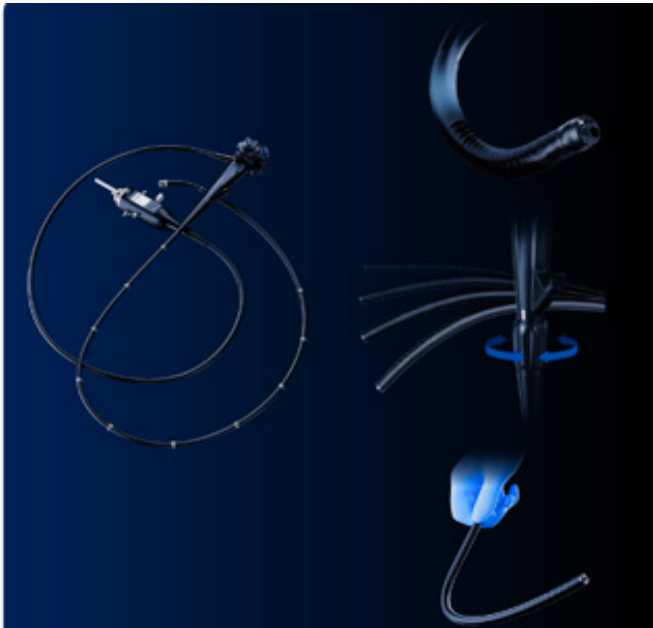
### Versatile Applications

The Selenar 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.



## Colo Smart Assistance (CSA)

Undergoing a colonoscopy can be inherently difficult, but now you can approach this procedure with assurance.



### Elastic Bending

The elastic bending section enhances patient comfort and increases the efficiency of colonoscopy procedures.

### Adjustable Fitness

The flexibility of the colonoscope insertion tube can be modified to accommodate various physician preferences or the anatomical characteristics of the colon.

### Sync Force Transmission

Effectively transmit force to enhance maneuverability during colonoscopy procedures.

## Superior Standards, Outstanding Specifications



### 5<sup>th</sup> Generation Handle

Enhanced ergonomic design and decreased handle weight for the fifth generation to further minimize fatigue.



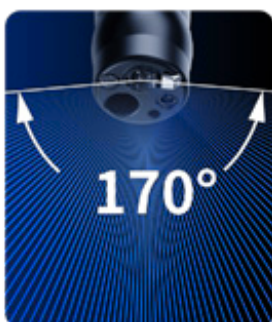
### 3 Light Guides

The endoscopic imaging system is enhanced by three light guides, which significantly improve illumination, providing greater and more uniform brightness, particularly in distant dark regions.



### Forward Waterjet

The forward waterjet function comes standard, enhancing the efficiency and convenience of your process.



### Wide Field of View

Colonoscopes feature a 170° wide field of view, which helps to minimize the miss rate, particularly in areas with colon folds.



### Large Instrument Channel

Extensive instrument channels are accessible, allowing you to expand your skills beyond restricted applications.

# VG/VC 50 Series Endoscopes

Delivering Superior Quality Procedure for  
Your Everyday Essentials



VGT-Q50J / VGT-1T50J / VCC-Q50JI/L / VCC-1T50JI/L  
Gastrosopes and Colonoscopes

# 50 Series Gastrosopes and Colonoscopes



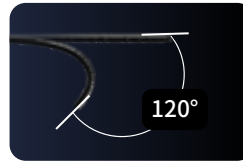
## FHD Image Resolution

The 50 series endoscopes feature the image processing device to be capable of delivering images at a resolution of 1920\*1080P. This technology enhances the clarity and sharpness of the contrast between various tissues, providing you with superior images that reveal greater details.



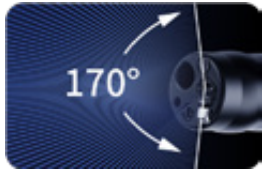
## Forward Waterjet

Enhances water flow and visibility.



## Gastrosopes with a 120° Downward Angulation

Significant downward angulation to enhance the therapeutic procedure.



## Wide View Angle

170 ° wide-angle view for colonoscopes minimizes detection errors.



## 3 Light Guides

The endoscopic imaging system is enhanced by three light guides, which significantly improve illumination, providing greater and more uniform brightness, particularly in distant dark regions.

## Colo Smart Assistance

Undergoing a colonoscopy can be inherently difficult, but now you can approach this procedure with assurance.



## Adjustable Stiffness

The flexibility of the colonoscope insertion tube can be modified to accommodate various physician preferences or the anatomical characteristics of the colon.

## Elastic Bending

The elastic bending section enhances patient comfort and increases the efficiency of colonoscopy procedures.

## Sync Force Transmission

Effectively transmits force to enhance maneuverability during colonoscopy procedures.

## Specification

Model	Working Length	Total Length	Distal End Out Diameter	Insertion Tube Out Diameter	Instrument Channel Inner Diameter	Depth of Field	Field of View	Angulation Range
* 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°
* VCC-Q50JI/L	1350/1700mm	1650/2000mm	12.2mm	12.0mm	3.8mm	2-100mm	170 °	U180°/D180°/L160°/R160°
*VCC-1T50JI/L	1350/1700mm	1650/2000mm	12.2mm	12.0mm	4.2mm	2-100mm	170°	U180°/D180°/L160°/R160°

\*: Forward Waterjet

---

## Functions and Features

---

Illumination	3-LED Light Source
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, 500 Users Profiles, 100,000+ Examination Records
External Storage	USB
User Interface	10.1-inch Customizable Touchscreen
DICOM	Supports DICOM 3.0 Protocol

---



+254 742 844 419



info@larioxhealth.com



www.larioxhealth.com