

BF120 Endoscopic System



The BF120 is designed to provide access to advanced standards and innovative technologies that result from industry development, allowing you to increase the efficiency of daily practice in an economically advantageous way.

Rating: Not Rated Yet

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Description

New standards of illumination in endoscopy

- ⊙ FULL HD
- ⊙ Intelligent Touch Panel
- ⊙ Optical Chromoendoscopy
- ⊙ Artificial Intelligence (Optional)

The BF120 is designed to provide access to advanced standards and innovative technologies that result from industry development, allowing you to increase the efficiency of daily practice in an economically advantageous way.



High Resolution FHD
Premium Image Quality

The BF120 model is equipped with an FHD CMOS sensor that ensures high-quality images. It creates a clear and high-contrast transition between bright and dark tissues, allowing more detailed visualization.

3 Efficient LEDs with 3 CBI Modes

BF120 system is equipped with two light sources utilizing chromoendoscopy modes that simulate different light combinations. These modes make it possible to visualize tissues more effectively, clearly, and precisely in various clinical situations.



Flexible Endoscopy: BF120 Endoscopic System

Intuitive 10.1-Inch Touch Panel

The entire system can be easily controlled using a 10.1-inch touch screen. This customizable interface enhances usability, comfort, and intelligent control of the system.

Built-in DICOM function.



Versatility of Applications

BF120 continues the tradition of its predecessors while being specially developed for the newest generation of endoscopy systems. It meets the dynamic needs of departments such as gastroenterology, pulmonology, respiratory therapy, and otolaryngology.



Colo Smart Assistance (CSA) Function

Colonoscopy can be a complex procedure by nature, but now you can approach it with confidence.



Adjustable Stiffness

The flexibility of the insertion tube for colonoscopy can be adjusted according to the doctor's preferences and the anatomical characteristics of the patient's colon thickness.

Elastic Bending

The elastic distal section improves patient comfort and enhances the efficiency of the colonoscopy procedure.

Synchronized Force Transmission

The synchronized transmission of force improves maneuverability during colonoscopy procedures.

High Standards, Exceptional Technical Characteristics



5th Generation Handle

An improved ergonomic design and reduced weight of the 5th generation handle further reduce fatigue during operation.



3 Light Guides

The visualization system uses three light guides, significantly improving illumination and providing brighter, more uniform light — especially in distant or dark areas.



Front Water Jet

The front water jet function is included as standard, improving cleaning efficiency and visualization of the operative field.



Wide Viewing Angle

Colonoscope models offer a wide viewing angle of 170°, helping minimize blind spots and improving visibility, especially in folded sections of the colon.



Large Instrument Channel

Thanks to the enlarged instrument channel, physicians can use various endoscopic tools for biopsy and suction, increasing efficiency even in anatomically challenging areas.

Functions and Specifications

Illumination: 3-LED light sources

Chromoendoscopy: CBI Standard / CBI Indigo

Image Enhancement: Structure / Edge / NBE

Brightness Adjustment: Automatic / Manual mode

Digital Zoom: 1.0x, 1.2x, 1.5x, 1.8x, 2.0x, 4.0x

Freeze and Restore: Real-time image freeze and recovery

IRIS: Peak / Medium / Auto

Internal Storage: 500 GB, 500 user profiles, 100,000+ exam recordings

External Storage: USB

User Interface: 10.1-inch customizable touch screen

DICOM: Supports DICOM 3.0 protocol