The 600 series Magnification endoscopes

EG-600ZW, EC-600ZW/M, ZW/L

New horizons in focusing

FUJIFILM
Value from Innovation

The high-definition Magnification endoscope series 600 with over megapixel CMOS image sensor and easy zoom control

Since HD technology has entered the endoscopy business, the detection and characterization of lesions within the upper or lower gastrointestinal tract became more precise and effective. With our latest 600 series Magnification endoscopes we set new standards in diagnostic procedures.

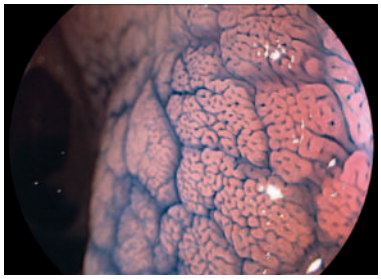
By pushing a simple button, endoscopists have the possibility to switch the level of magnification modes easily. Furthermore there is the possibility to select upon your needs in between 2 or 3 focus modes for inspection of the mucosa.

Our latest 600 series CMOS Magnification endoscopes open new horizons in focusing.

Optical Magnification

Improved optical lens for better focusing and a powerful magnified endoscopic image

The latest lens technology developed especially for the 600 series Magnification endoscopes provides a wide observation range, which allows to focus the inspected area easier and faster. Even under magnification. A maximum 135* times magnified image can enhance detailed observation.



Multi Zoom

3 magnification modes for easy zoom control and smooth focusing

The latest Multi Zoom technology enables to program up to 3 magnification modes upon your needs to realize an easy to control zoom endoscopy for everybody.

- 2-step Zoom
- 3-step Zoom
- 5-step Zoom

This allows a close examination of the mucosa tissue and capillary structures in combination with excellent focusing and orientation during magnification throught the wide focal plane.

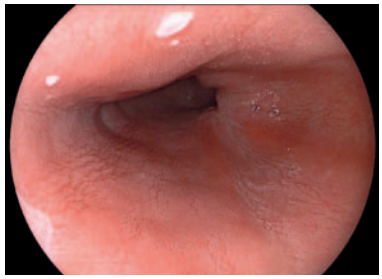
Mode \ Magnification setting	Normal	Low	Middle	High	Maximum (x135*)
Continuous zoom	●	●	●	●	●
2-step Zoom	●	●			
3-step Zoom	●	●	●		
5-step Zoom	●	●	●	●	●

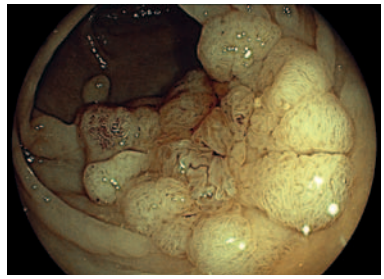
*when used with a 19 inch LCD monitor

CMOS Technology

Over megapixel CMOS image sensor – for a high-resolution image with 60P video

The megapixel CMOS image sensor allows the users to capture high-definition still images and 60fps video with a high image quality and a low noise level. Used in combination with FICE, it provides better contrast for vascular and surface patterns in normal and magnified views.

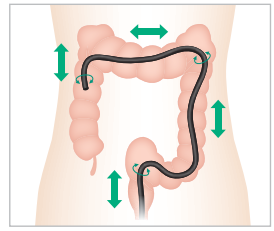




The perfect solution for daily examinations

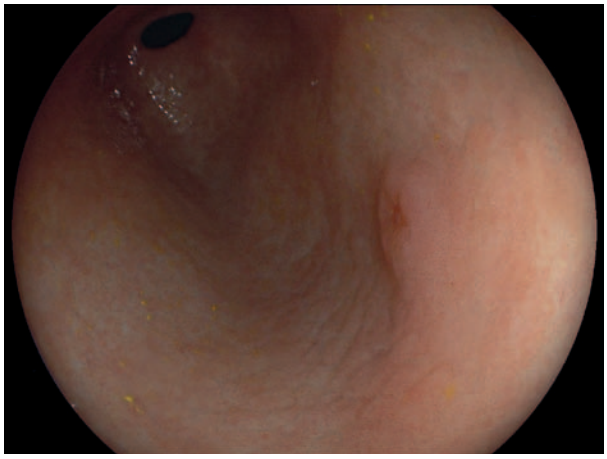
Improved insertion portion for better operability

The latest magnification endoscopes offer an ergonomic solution for your daily work. The gradually increasing flexibility towards the distal end of the endoscope enables a smooth torque transmission and insertion ability. The outstanding image quality and the water jet function helps you to run your daily examinations in a comfortable way. And upon your needs, combined with the latest magnification technology.



High image resolution enables advanced detection and characterization

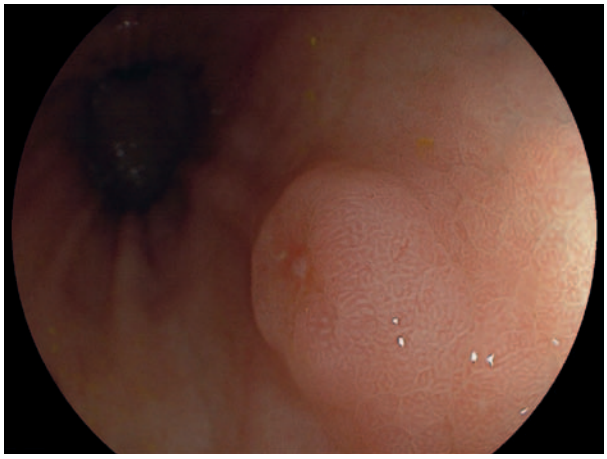
Fujifilm´s new generation of magnification endoscopy enables a stepwise and easy to handle zoom technology for fast and precise focusing of lesions and structures. Also on low magnification levels the latest lens technology provides an excellent detectability of structures and ultrastructures by keeping a stable zoom. Examinations without additional endoscopy caps are possible with this new magnification endoscope.



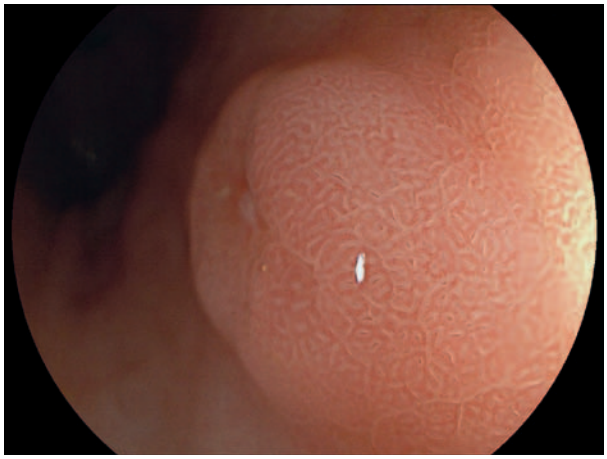
Latest CMOS Technology with standard magnification

▶ Upper Gastrointestinal Tract

The following images show an elevated lesion in the antrum with regular pit. pattern and vascular structure, indicating a chronic erasive gastritis.



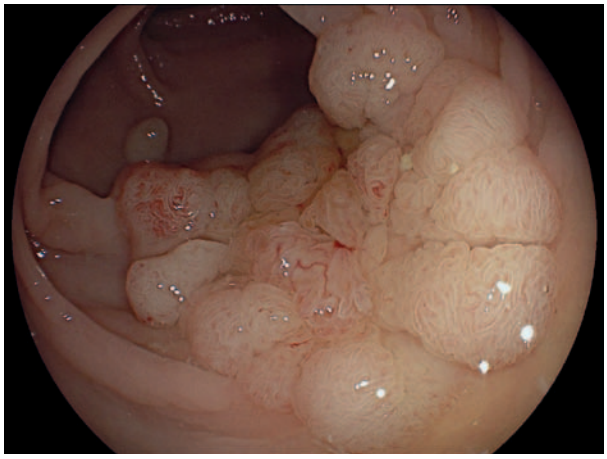
Multi Zoom 2 steps



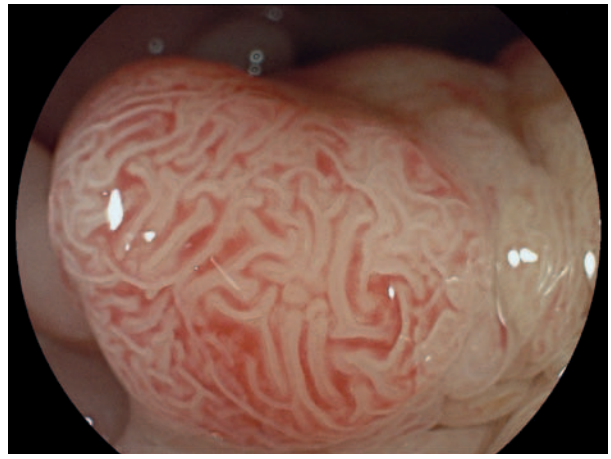
Multi Zoom 3 steps

Lower Gastrointestinal Tract

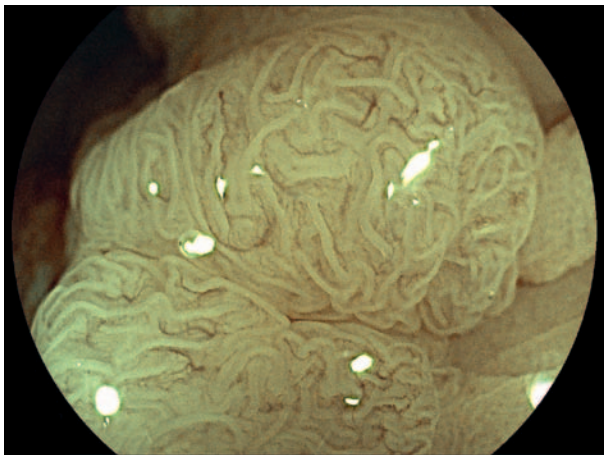
The following images describe a small tubular adenoma which is located next to the LST-GT. Image 1 shows on the left back side this small adenoma. By focusing to the 2 step magnification mode an advanced detection and characterization is possible. The additional usage of FICE enables advanced structure enhancement.



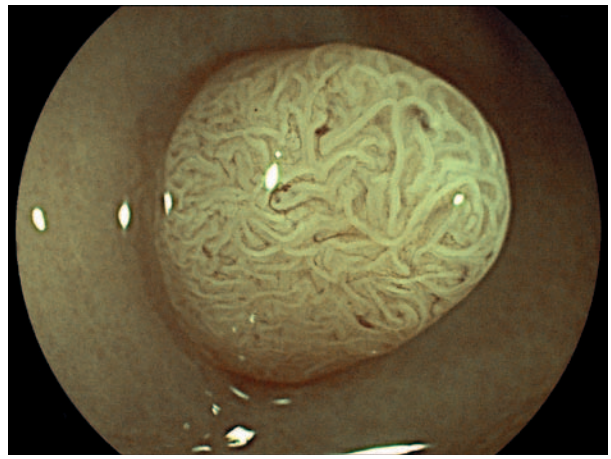
Latest CMOS Technology with standard magnification



Latest CMOS Technology with Multi Zoom 3 steps



Latest CMOS Technology with Multi Zoom 3 steps and FICE



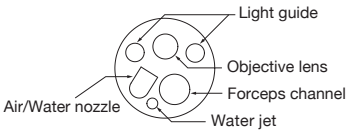
Latest CMOS Technology with Multi Zoom 2 steps and FICE

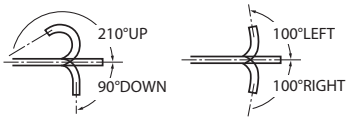
Magnification Gastroscope

EG-600ZW

Field of view	Normal: 140° / Close: 56°
Observation range	1.5~100mm Normal: 3~100mm Close: 1.5~2.5mm
Bending capacity	Up 210° / Down 90° Right 100° / Left 100°
Total magnification	135* times
Distal end diameter	9.9 mm
Flexible portion diameter	9.8 mm
Forceps channel diameter	2.8 mm
Working length	1,100 mm
Total length	1,400 mm

Image area &
forceps entry position





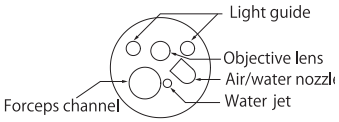
Magnification Colonoscope

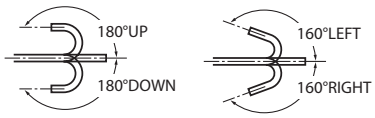
EC-600ZW/M, ZW/L

Field of view	Normal: 140° / Close: 56°
Observation range	1.5~100mm Normal: 3~100mm Close: 1.5~2.5mm
Bending capacity	Up 180° / Down 180° Right 160° / Left 160°
Total magnification	135* times
Distal end diameter	12.8 mm
Flexible portion diameter	12.8 mm
Forceps channel diameter	3.8 mm
Working length	1,330 / 1,690 mm
Total length	1,630 / 1,990 mm

* on a 19" monitor

Image area &
forceps entry position





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