

Electronic colposcope is a gynecological clinical diagnostic instrument, which belongs to gynecological endoscope. It is a new technology that applies high and new technology to vaginal examination in conventional colposcope. Its high-resolution electronic imaging technology, high-quality LED light source and high-level amplification technology can identify very small tissues and provide more real tissue color, which can be used for the diagnosis and treatment of reproductive tract (i.e. vulva, vagina and cervix) diseases.

The product is applicable to the diagnosis, teaching and research of female internal and external reproductive system diseases (vulva, vagina, cervix and other parts). It is an important way of early diagnosis of female diseases. It can also be used in sexual crimes, forensic identification, skin beauty and other fields. It provides the basis for the early diagnosis of the disease, makes the patients get effective treatment in advance, and greatly improve the cure rate of the disease.

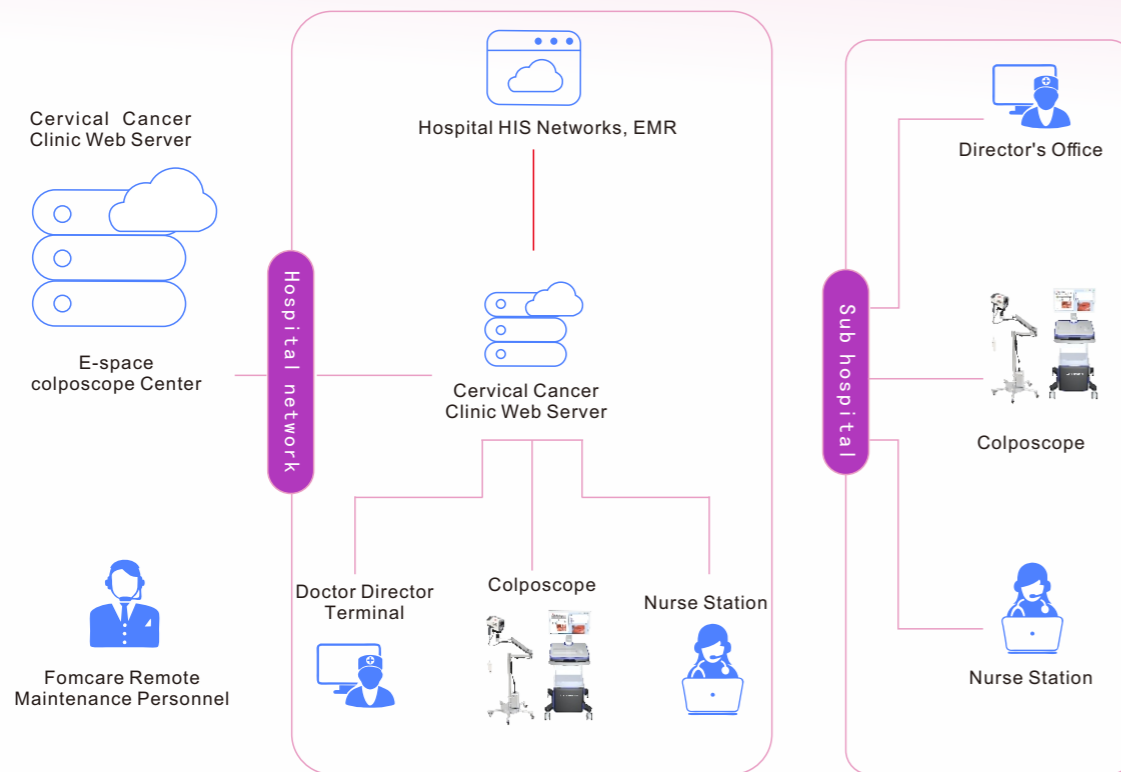
FM-C3 / FM-C6HD

Digital Electronic Colposcope

New generation HD AI smart digital electronic colposcope



FM-C6HD



**Fomcare Digital Electronic
Colposcope Network Cloud Services**

Solve Clinical Difficulties



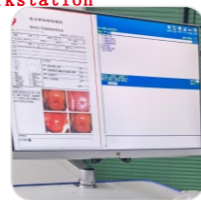
1 Patented high-definition imaging camera

- ◆ High-definition 1080P auto-focus and continuous zoom camera, professional anti-shake design, make imaging clear and stable;
- ◆ Using imported high-quality LED light source, the illumination is uniform and soft, reducing the interference of light spots, and effectively restoring the primary color of the tissue;
- ◆ The brightness of the light source can be adjusted through the workstation software. It can automatically brighten when entering observation inspection, and automatically dims when display the non-inspection interface;



2 Multifunctional image processing workstation

- ◆ It supports multi-directional adjustment of the display, and makes the observation position more comfortable;
- ◆ The software interface is designed in a black background style, which can relieve visual fatigue after long-time use;



3 Support network cloud service

- ◆ The device equips standard wireless Internet access function. It's convenient means for cloud service and remote upgrade;



4 Multifunctional Workstation Countertop

- ◆ It equips multi-functional operating table. So users don't need to configure additional medicines; The device also equips the trolley to save space and make the operation more convenient.



The quality control of image acquisition is based on the camera

The quality control of the inspection process is based on the keys

The quality control management of the image acquisition and inspection process is integrated into the high-level camera and humanized keys. The inspection workstation software interface can be directly operated through the camera keys, which comprehensively improves work efficiency and application experience. It also provides intelligent and comfortable new experience for complex clinical operations.



1. "One key" to enter the observation and inspection interface;
2. Provide fast switching function for 6/8/12x magnified observation image;
3. Working distance positioning before inspection: ensure that the observed image is clear at 6/8/12 magnification.



Adjusting the exact working distance is the key to clear image capture



Clearer images and richer details, professionally designed high-definition camera



FM-C3

Product Parameters

- ◆ Camera: Professional medical grade SONYCCD model (including special bracket)
- ◆ FM-C6HD type camera >5 million pixels, >900TVL
- ◆ FM-C3 camera 2 million pixels, >700TVL
- ◆ Display: 19-inch LCD screen (FM-C6HD comes standard with a 21.5-inch LCD screen)
- ◆ Computer: medical high-end computer
- ◆ Printer: HP Color Inkjet Printer
- ◆ Cart: Patented ABS mold cart
- ◆ Software: Colposcopy imaging system (new and upgraded version)

Programmatic Operation Process



Open the device



Form new case

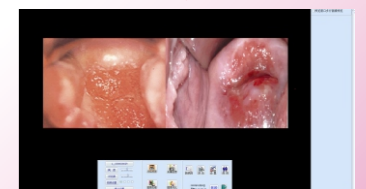
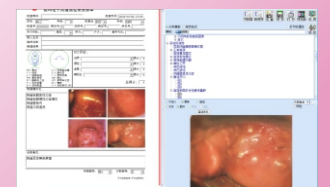
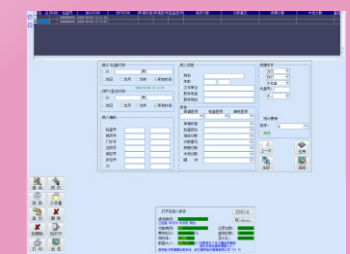


Image acquisition and processing



Form report

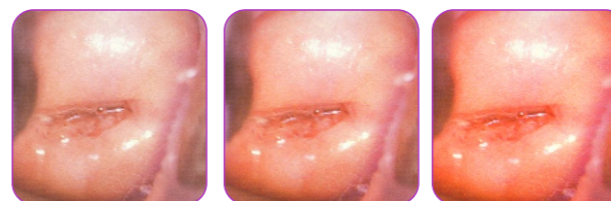
Result • Normalization



Medical record management



1. White light: three-level color temperature imaging function, one-key switch color temperature



2. Green light: three-level electronic green light function makes higher contrast, it can show the details of blood vessel morphology; one-key switching color temperature.

