

SY01 ULTRA HD DIGITAL VIDEO COLPOSCOPE

Designed specifically to meet the demands of efficient gynecological examinations, this equipment combines powerful magnification, smooth and seamless operational performance, flexible and diverse high-quality image recording, and a compact space-efficient design. Its standout features include digital image recording and a variety of observation functions, making it an invaluable assistant in clinical settings.

PRODUCT FEATURE

Adopting the new generation SONY Ultra High Definition HAD CCD module, this system features continuous zoom, automatic focus, and high-definition imaging capabilities, with a horizontal resolution $\geq 1100\text{TVL}$.

The medical-grade LED light source, characterized by its long lifespan and ring-shaped multi-point design, exhibits a 50% increase in brightness and whiteness compared to conventional light sources. In comparison to light sources with the same color temperature, the LED light source renders tissue colors more accurately, making it better suited for clinical diagnostic requirements.

Equipped with a 3.5-inch LCD screen, the remote control handle design allows for easy manipulation of functions such as image zooming, freezing, electronic green filter, and image display. This facilitates a more intuitive operation for medical professionals.

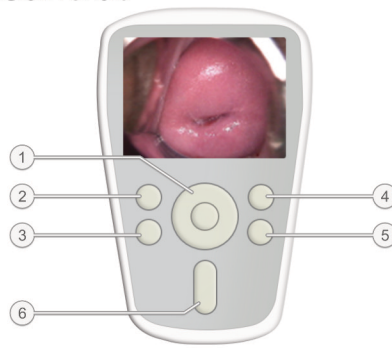
Featuring an upright stand and an adjustable gimbal structure, it allows flexible and effortless positioning at the optimal angle, providing convenient observation for medical professionals.

Introducing the electronic green filter function, which effectively identifies the detailed layers of epithelial tissue and the presentation of capillaries, meeting the clinical needs for observing, examining, and diagnosing early cancerous changes.



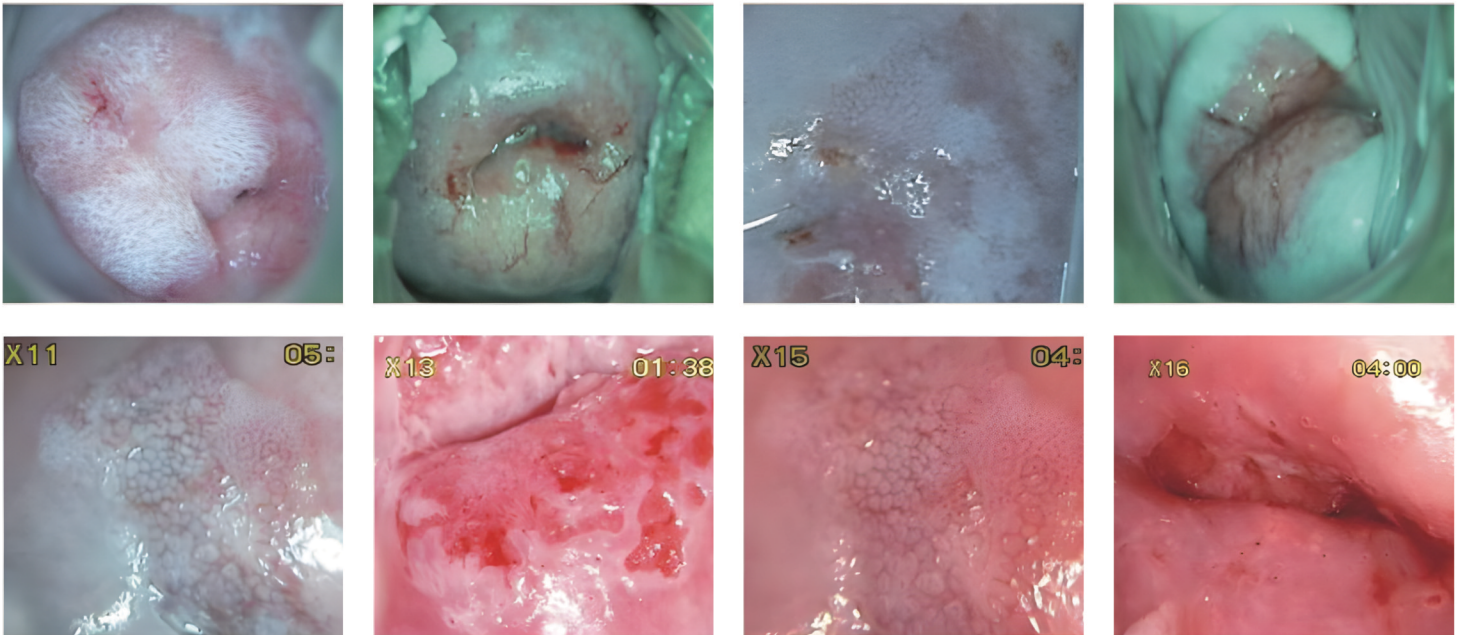
3.5-inch Screen Remote Control

1. Gimbal Control
2. Freeze/Unfreeze
3. White Balance
4. Light Source Selection
5. Brightness Adjustment
6. Focal Length Adjustment
7. Image Zoom In / Out
8. Image Filter Adjustment



Electronic Green Filter Function Controlled by 3.5-Inch Screen Buttons

The professionally designed electronic green filter function employs a three-level green light control technology, better meeting the demands of professional vascular enhancement imaging in clinical applications. Simultaneously, it ensures that images remain unaffected by light loss, facilitating seamless color printing and output.



Professional Diagnostic Analysis and Printing of Graphic Reports

- Offer RCI for cervical precancerous lesion images and SWEDE quantitative assessment and analysis tool, allowing for comparative analysis of patients' medical history data from different examination periods.
- Offering functionality for annotating pathological areas on examination images and marking biopsy site locations.
- Multi-printing report template, allowing users to selectively print content and choose graphic and textual printing formats, supporting LEEP surgical record editing and report printing.

