

Photoelectric integrated Colposcopy is a combination of microscope optical system and electronic colposcopy imaging system, which contains the optical colposcopy with the electronic vaginal mirror. It is suitable for the gynecological examination of vulva, vagina, cervix and other parts in Clinic. The Stereo microscope optical system is used to observe the high resolution, three-dimensional and high-definition images through the optical eyepieces. Ultra-wide depth of field, large field of view, super-stereoscopic, realistic color reduction, unique light path design for pre-cancerous, pathological changes before the point of blood vessels, columnar epithelial and some small lesions to provide true 3D visual Effects. And the observed images can be collected, processed, instantly diagnosed, edited and opened by Computer. The role of Colposcopy is better to meet the development requirement of "digitization" of medical image in the Future.



KN-2200B COLPOSCOPE DIGITAL IMAGING SYSTEM

- ① **Optical System**
Ultra-long depth of field, large field of view, super-stereoscopic, realistic color reduction, unique light path design, for pre-cancerous, pathological change before the point of blood vessels, columnar epithelial and some small lesions to provide true 3D visual Effects.
- ② **Binocular eyepieces**
High-eye-point Wide-field eyepieces, 45° and 0° eyepiece optional, suitable for different heights of inspection beds, making clinical operation more Comfortable.
- ③ **Five-step Zoom**
Up to 30 times of optical amplification, with high-quality amplification effect can be clearly observed a variety of small pathological cells, can be used to accurately locate biopsy of live lesions, help to improve the diagnosis of various cervical diseases, pre-cancerous screening accuracy, reduce missed Diagnosis.
- ④ **Light Source**
Adopt energy-saving and environmental protection LED light source, with high brightness, long life, uniform illumination, High Color rendering index, none producing heat and so on.
- ⑤ **4AS Integrated Trolley**
The overall streamlined design of the trolley, flexible operation, reasonable layout, small footprint, ergonomic. Monitor can be adjusted up and down, more flexible viewing angle.
- ⑥ **Swing arm** ⑦ **Computer** ⑧ **HD display** ⑨ **Printer**

N01 CASE REPORT



Standardized inspection results, PDF report documents, support for multiple report templates

N04 OPTIONAL



Two options for 45° and 0° Eyepieces for different heights of inspection beds

Combination	Eye Glass	0.4	0.6	1.0	1.6	2.5
12.5x Eyepiece	Magnification	2.8x	4x	7x	11.5x	17x
100mm Objective	Field of view	76mm	50	32	19	13
12.5x Eyepiece	Magnification	3x	5x	8x	13x	20x
250mm Objective	Field of view	65mm	42mm	26mm	16mm	10mm
20x Eyepiece	Magnification	4x	7x	11x	17x	27x
300mm Objective	Field of view	58mm	37mm	23mm	14mm	9mm
20x Eyepiece	Magnification	5x	8x	13x	21x	32x
250mm Objective	Field of view	37mm	24mm	15mm	9mm	6mm

KN-2200B II COLPOSCOPE DIGITAL IMAGING SYSTEM



- ① **Optical System**
Ultra-long depth of field, large field of view, super-stereoscopic, realistic color reduction, unique light path design, for pre-cancerous, pathological changes before the point of blood vessels, columnar epithelial and some small lesions to provide true 3D visual Effects.
- ② **Binocular eyepiece**
High-eye-point, Wide-field eyepieces, 45° and 0° eyepiece optional, suitable for different heights of inspection beds, making clinical operation more Comfortable.
- ③ **Five-step Zoom**
Up to 30 times of optical amplification, with high-quality amplification effect can be clearly observed a variety of small pathological cells, can be used to accurately locate biopsy of live lesions, help to improve the diagnosis of various cervical diseases, pre-cancerous screening accuracy, reduce missed Diagnosis.
- ④ **Camera Device**
Adopt German-imported Basker camera, the pixel can reach 6.37 million, providing physicians with high-quality images with higher Resolution.
- ⑤ **Light Source**
Adopt energy-saving and environmental protection LED light source, with high brightness, long-life, uniform illumination, High Color rendering index, none producing heat and so on.
- ⑥ **Trolley**
Integrated photoelectric and trolley design, flexible operation, reasonable layout, small footprint, in a limited space can also meet clinical applications. All joints are using damping bearing technology, with the use of fitting spiral arm, to achieve arbitrary space hover, so that the optical system positioning more accurate and stable.
- ⑦ **HD Doll all-in-one PC** ⑧ **Printer**

N07 SOFTWARE FEATURES

Eyepiece	12.5x Optical 20x	CCD Objective focal length	65mm
Observation Angel	45° Eyepiece: 0~135° 0° Eyepiece: 45~90°	CCD Interface Type	USB3.0
Double Eyepiece Focal length	0° Eyepiece: 125mm	Color Adjustment Range	270°
	45° Eyepiece: 160mm	Illuminance	30000Lux
Diapir adjustment	SD→SD	Color temperature	5600K
Eyepiece Adjustment Range	55~75mm	Life time	>60000 Hours
Objective Focal length	300mm, Optical: 250mm	Illumination Range	0~30mm
	300mm Objective: 300mm	Camera	KN-2200B/II 1/3" sony CMOS
Working distance	250 Objective: 250mm	Effective Pixel	KN-2200B/II 2 million 100 thousand pixels
	250 Objective: 250mm	Image Size	6 million 370 thousand pixels
Focusing	Fine tune: By hand	Horizontal resolution	3088 x 2064 >2000 Lines
Focusing distance	48mm		



KN-2200 SERIES
COLPOSCOPE DIGITAL
IMAGING SYSTEM

➔ Obvious to see, observe subtlety
care for women's health

COLPOSCOPE

CHINA-JIANGSU



ADD: KEREN Building, Economic Development District,
Xuzhou City, Jiangsu Province, China

TEL: 0086-516-87732209 87732210

FAX: 0086-516-87732210 E-mail: kernel@kernelmed.com

For more details, please login www.kernelmed.com



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