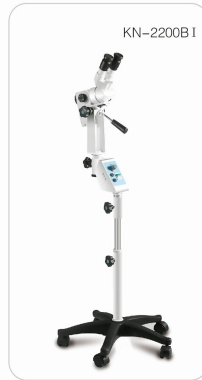


Photoelectric integrated Colposcopy is a combination of microscope optical system and electronic colposcopy imaging system, which combines the optical colposcopy with the electronic vaginal mirror. It is suitable for the gynecological examination of vulva, vagina, cervix and other parts in Clinic. The Stereo microscope optics system is used to observe the high resolution, three-dimensional and high-definition images through the optical eyepiece. 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. And the observed images can be collected, processed, clinically diagnosed, edited and queried by Computer. The role of Colposcopy is better to meet the development requirement of "digitalization" of medical image in the Future.



KN-2200B COLPOSCOPE DIGITAL IMAGING SYSTEM

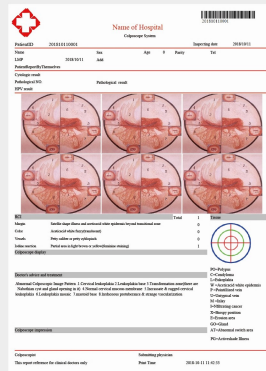
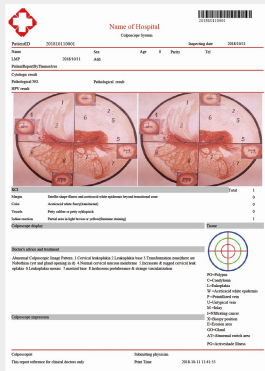
- ① **Optical System**
Ultra-long depth of field, large field of view, super-stereoscopic, realistic color reduction, unique light path design, for pre-cancerous, pathological changes before the point of blood vessels, columnar epithelial and some small lesions to provide true 3D visual Effects.
- ② **Binocular eyepieces**
High-eye point Wide-field eyepiece, 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 **ABS 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 angles.
- ⑥ **Swing arm** ⑦ **Computer** ⑧ **HD display** ⑨ **Printer**

KN-2200B II COLPOSCOPE DIGITAL IMAGING SYSTEM



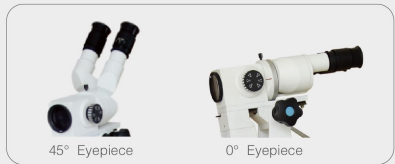
- ① **Optical System**
Ultra-long depth of field, large field of view, super-stereoscopic, realistic color reduction, unique light path design, for pre-cancerous, pathological changes before the point of blood vessels, columnar epithelial and some small lesions to provide true 3D visual Effects.
- ② **Binocular eyepiece**
High-eye point, Wide-field eyepiece, 45° and 0° eyepiece options, 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 Basler 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 lifting spiral arm, to achieve arbitrary space hover, so that the optical system positioning more accurate and stable.
- ⑦ **HD Dell all-in-one PC** ⑧ **Printer**

NO.5 CASE REPORT



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

NO.6 OPTIONAL



45° Eyepiece 0° Eyepiece



20 Eyepiece 250 Objective

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

Combination	Five Gears	0.4	0.6	1.0	1.6	2.5
12.5 × Eyepiece 300mm Objective	Magnification	2.8 ×	4 ×	7 ×	11.5 ×	17 ×
	Field of view	78mm	50	32	19	13
12.5 × Eyepiece 250mm Objective	Magnification	3 ×	5 ×	8 ×	13 ×	20 ×
	Field of view	65mm	42mm	26mm	16mm	10mm
20 × Eyepiece 300mm Objective	Magnification	4 ×	7 ×	11 ×	17 ×	27 ×
	Field of view	58mm	37mm	23mm	14mm	9mm
20 × Eyepiece 250mm Objective	Magnification	5 ×	8 ×	13 ×	21 ×	32 ×
	Field of view	37mm	24mm	15mm	9mm	6mm

NO.7

SOFTWARE FEATURES

Eyepiece	12.5x, Optical: 20x	65mm
Observation Angel	45° Eyepiece: 0 ~ 135°	USB3.0
	0° Eyepiece: -45 ~ 90°	270°
Double Eyepiece Focal length	45° Eyepiece: 125mm	30000Lux
	0° Eyepiece: 160mm	5600K
Diopter adjustment	-5D ~ +5D	≥60000 Hours
Eyepiece Adjustment Range	55 ~ 75mm	Φ ≥80mm
Objective Focal length	300mm, Optical: 250mm	KN-2200B/BI
	300 Objective: 300mm	
Working distance	250 Objective: 250mm	1/3" sony CMOS
	Fine tune. By hand	2 million 100 thousand pixels
Focusing distance	40mm	1920 x 1080
		1080p/60
		Horizontal resolution
		Camera
		Effective Pixel
		Image Size
		Horizontal resolution
		≥ 2000 Lines

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