



KN-2200



KN-2200

Video Colposcope

Software Functions and Features (KN-2200/2200A/2200I/2200B) :

- Multiple languages including Chinese, English, Spanish, Russian, Vietnamese, Turkish etc
- Multi-function management software with the ability of image observation, capture, video recording, freezing, editing, report printing and storage
- Special software package, can be used for marking, zoom in and out, partial magnification ect. . With the function of acetic acid reaction countdown, applicable to dynamic observation of colposcope examination and operative treatment
- Abundant cases database (up to 175 kinds), satisfied cases images can be added, suitable for clinical contrast
- Built-in standard cases report template, convenient for editing and printing; support various formats of diagnosis reports and RGB image printout; doctor can design case report
- Search cases via case number, name and date; Image display, data modification, save, re-examination and video replay to the retrieved cases
- Can store and backup abundant image data
- One-key installation software, supports Win7 and Win8 OS

KN-2200 SERIES
Colposcope

KN-2200A



Flexible combination

Performance Index	KN-2200	KN-2200A
Camera system	1/3" color CCD, Automatic focus	
Light source Type	LED Light source	Halogen lamp (Optical fiber, adjustable brightness and green filter)
Resolution	700 lines	
Signal Noise Ratio of lens	≥52db	
Focusing distance	20~40mm	
Magnification times	288 times	

KN-22001



KN-2200 SERIES
Colposcope

KN-22001

Video Colposcope

- High resolution color digital CCD
- LED light source, luminance can be adjusted freely
- Video output, fast autofocus and manual focus control, white-balance auto-adjustment.
- Top-grade combination trolley, flexibility operation, user-friendly, space-saving, can meet customers' different requirements
- Integrated damping swing arm, can stay at any height.
- Wireless video transmission is optional, built-in rechargeable lithium-ion battery, without wire interference; suitable for consultation and teaching.
- Barcode scanner is optional, easy to create and search records.
- High-definition camera, monitor and capture card, make the image quality more clearly and the clinical diagnosis more accurate



Flexible combination of SD Colposcope





KN-2200I (HD) Video Colposcope



Flexible combination of HD Colposcope

KN-2200 SERIES
Colposcope

SD Camera	Image sensor	1/4" SONY CCD
	Resolution	550Lines
	Minimal illumination	0.7Lux
HD Camera	Image sensor	1/2.8" SONY CCD
	Effective Pixels	About 3.27 million
	Image size (L×H)	1920×1080
	Signal-noise ratio	More than 50dB
	Video Output	HD-SDI
	Focus Way	Automatic/Manual
	White balance	Automatic/Manual
	Inner power	Lithium battery life≥4小时
	Optional	2.5" LCD screen
Light source	Optional	Wireless video transmission, without any wire interference, wireless transmission distance is 30m
	Optional	Barcode scanner
Light source		LED illumination≥1200Lux



HD Display 1920x1080



1/2.8" SONY HD camera



Full HD 1080p



3.27mega HD pixels



HD-SDI Video output



KN-2200I (Enhanced Edition)

KN-2200B LED Optical Colposcope



KN-2200 SERIES Colposcope



KN-2200BI LED



KN-2200B LED Optical Colposcope

- All-in-one design of halogen (KN-2200B/BI) or LED (KN-2200B/BI/II LED) as light source, luminance can be adjusted
- High resolution and high definition observation system
- 1/3" high resolution color digital camera
- Fast manual focus control
- White-balance auto-adjustment.
- Unique beam splitter design and CCD imaging trimming, makes imaging stereo, acquire the best observation effect for the various levels of lesions.
- Built-in scale, can measure the size of lesions.
- Five-step magnification and focus, strong stereoscopic effect, distinct gradation, large viewing.
- Equipped with green filter, easy to observe capillary of lesions.
- Flexible, convenient, lockable swing arm, barrier-free design, easy to adjust in any angle
- Unique foot-switch, more convenient and flexible for images capture.

KN-2200 SERIES
Colposcope

KN-2200BII LED



Optics system	KN-2200B, KN-2200B I, KN-2200B LED, KN-2200B I LED, KN-2200B II LED	
Binocular eyepiece focus	140mm, Built-in accurate measurement ruler	
Eyepiece	12.5x, wide-angle vision adjustment (Refraction adjustment)±5D	
Working distance	295mm	
Eye-distance adjustment range	50-75mm	
Diameter of field-of-view	80mm-12.5mm	
Micro focusing range	40mm	
Image collection Raster	F4.5-F32	
Light source	Green filter, LED and halogen light source alternative	
Light illumination	≥30000Lux	
Optics magnification times	2.8-17 times	
Camera system	KN-2200B/LED, KN-2200B I/ LED	KN-2200B II LED
Type	1/3" color CCD camera	1/2" CCD, successive scans
Level resolution	540lines	Level: 1360 Vertical: 1024
Minimum illumination	0.05Lx	0.15Lx
Effective Pixels	480,000 pixe	1280×960 Resolution
Signal Noise Ratio of lens	50 dB	9bit @ 25°C, gain0dB