



YDJ-II



YDJ-II-1

ALLTION is proud to offer YDJ series colposcopes. Precise structure, new type of LED illumination system, adjustable balanced spring arm and humanized design offer you excellent parfocal, large field view, precise and clear three dimensional images and ergonomic, fatigue-free operation.

YDJ series colposcopes are the precise optical instruments specializing in gynecology examination and diagnose. Vagina lesion could be observed clearly which could not be seen by naked eye through the instruments because of its magnification. It improved the precision of the diagnose. Clear image, wide field, even illumination, and convenient usage are the characteristic of YDJ series colposcopes. It is the necessary instruments for gynecology examination.

YDJ-II&YDJ-II-1

Optical Colposcope

FEATURES AND BENEFITS

45°inclined binocular tube

16X wide field eyepiece

Smooth turret 5-step magnification pod

Working distance 300mm

Total magnification 2.7X-21.7X

Field of View diameter :11mm-88mm

Green and blue filter selected by a lever

Optical magnification/different objective combination provided



The top 10W Coaxial LED illumination with brightness adjustment

The Illumination is >25,000Lux with 300mm large objective lens, and the biggest Illumination is 30,000Lux

LED life time is over 50,000 hours

LED illumination is lower energy consumption, longer lifespan, safer, more dependable than normal halogen illumination

Fine focusing distance by adjustment handle is 20mm for YDJ-II & 60mm for YDJ-II-1

DC12V output on the instruments and supply the power for CCD camera

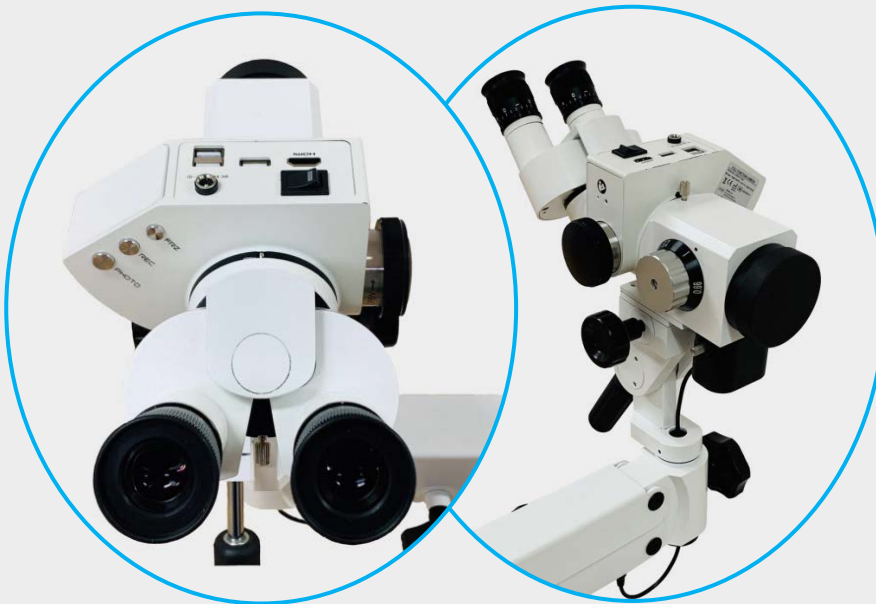
Upgrade YDJ-II/YDJ-II-1 with ALL-CAM2

Some Details of ALL-CAM2 FULL FUNCTION CAMERA

1. **Sensor:**1/2" SONY high-sensitivity and low noise CMOS
2. **Resolution:** HD 1080P 60FPS(16:9)
3. **Storage:** Built-in 32G SD memory space. USB flash disk can be connected externally
4. **WIFI:** with the function of internal WIFI(Optional external WIFI), it can transmit images
5. **Video Resolution:**1080P
6. **Basic functions:** Freeze, photograph, video recording, automatic exposure, white balance, play back and cross curve
7. **Image Effect:** Exposure value, best brightness, gain, red gain, blue gain, saturability, contract ration, definition and HDR
8. **Advanced functions:** Horizontal flip, vertical flip, zoom out, zoom in, AOI and image comparison



YDJ-II+ALL-CAM2



ALL-CAM2 is simple to install. It can be install onto a colposcope like a beam splitter, with the meed of installing camera adapter and camera.

ALL-CAM2 can be adapted to the main colposcopes all over the world. Adapter can also be customized for customers.

ALL-CAM2, ALL CAN DO !

SPECIFICATION & STANDARD OUTFITS

Parameters/Model	YDJ-II	YDJ-II-1
Observation angle	45°inclined binocular tube	
Magnification of eyepiece	16X	
Rang of Papillary distance	50mm-80mm	
Diopter adjustment range	±7D	
Large objective lens	F=300mm	
Magnification changer	5-step Magnification : 0.4X,0.66X,1X,1.5X,2.5X	
Total magnification	2.7X-21.7X	
Linear field	11mm-98mm	
Beamsplitter	2:8 Beam splitter (optional 5:5 Beam splitter)	
Camera adapter	compatible with c-mount 1/3" CCD camera	
Fine focusing distance	20mm	60mm
Illumination system	10W Coxial LED illuminator with brightness adjustment. Illumination >25,000LX. life time is over 50,000 hours	
Filter	Built-in green and blue filer	
Balanced arm	Adjustable and re-settable weight	Nil
Stand	5-star base	Horizontal 5-wheel rolling base
Input power	Adapter output : DC12V/3A ; Power : 36W ;	
Weight per unit	45KGS 2CTNS/SET	17KGS 1CTN/SET

Optical Parameters

Objective lens	F=230mm		F=280mm		F=300mm	
Eyepiece	16x		16x		16x	
Magnification changer	Total magnification	Linear field (mm)	Total magnification	Linear field (mm)	Total magnification	Linear field (mm)
0.4X	3.5X	69	2.9X	84	2.7X	98
0.66X	5.7X	42.1	4.7X	51.1	4.44X	59
1X	8.7X	27.6	7.1X	33.6	6.66X	38
1.5X	13.2X	18.2	10.8X	22	10X	25
2.5X	21.7X	11	17.8X	13.4	16.6X	15

Optional Accessories



230 /280mm Objective



20x Eyepiece



Canon/Nikon/Sony DSLR adapter



Monitor Stand



Assistant scope



ALL-CAM2 C Type Full Function Camera

Items and specification subject to change, please contact us for current product information.

ALLTION[®]

MICROSCOPES ARE OUR BUSINESS & SERVICE IS OUR PRIDE

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