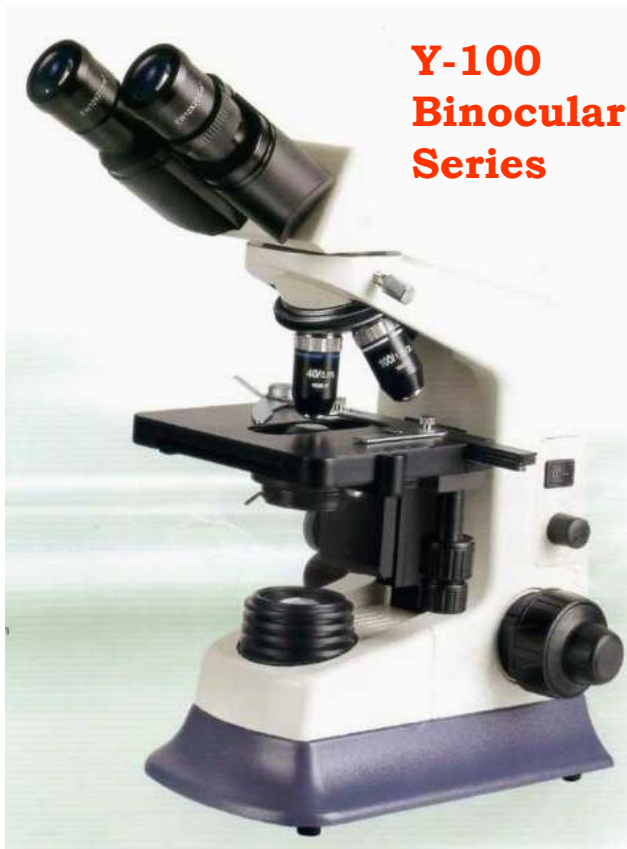


Y 100 Series

RaxVision

MICROBIOLOGICAL MICROSCOPE



Ergonomic design



Epi-fluorescent, Phase Contrast
& Darkfield

SPECIFICATIONS :

- 1) Maintenance and Compensation Free Binocular Head, inclined at 30 degree, interpupillary distance 55-75mm
- 2) High point and wide field eyepiece EW10X/20
- 3) CF High contrast objective 4X, 10X, 40X, 100X.
- 4) Backward quadruple nosepiece
- 5) Double layers mechanical stage 140mm x 140mm / 75mm x 50mm
- 6) Coaxial coarse and fine focus adjustment system, range 23mm, fine division 0.002mm
- 7) NA 1.25 Abbe condenser with iris diaphragm and filter, rack and pinion adjustment.
- 8) Halogen lamp 6V/30W, brightness adjustable.

OPTIONS :

- 1) Compensation Free Trinocular head
- 2) Plan achromatic objective
- 3) UIS Universal Infinity Corrected System
- 4) Infinite achromatic objective system
- 5) Infinite plan achromatic objective system
- 6) Quintuple nosepiece
- 7) Kohler illumination
- 8) LED optical point system.
- 9) A wide range of accessories to be equipped with this microscope for multi-purpose.

Y-100DCA SERIES

RaxVision

DIGITAL MICROBIOLOGICAL MICROSCOPE

Featuring economy, practicality and facility, the microscope is widely used in academic, agricultural and sanitary fields.

SPECIFICATIONS :

- 1) Viewing Head : Compensation Free Binocular head. Inclined at 30°. Interpupillary distance 55-75mm
- 2) Camera System : CMOS Chip, USB 1.0 output, 300,000 Pixel (Y-100DCA1)
- 3) Camera System : High resolution chip, RCA, S-Video, USB1.0 Output, 400,000 Pixel (Y-100DCA2)
- 4) Eyepiece : High point and wide field eyepiece EW 10X/20.
- 5) Objective : CF High-contrast objective 4X, 10X, 40X, 100X
- 6) Nosepiece : Backward Quadruple Nosepiece
- 7) Stage : Double Layers Mechanical stage 140mm x 140mm / 75mm x 50mm
- 8) Focusing : Coaxial coarse & fine focus adjustment system. Range 23mm, Fine division 0.002mm
- 9) Condenser : NA 1.25 Abbe Condenser with Iris Diaphragm and filter, rack and pinion adjustment
- 10) Illumination : Halogen lamp 6V/20W, brightness adjustable (Y-100DCA1)
- 11) Illumination : Halogen lamp 12V/20W, brightness adjustable (Y-100DCA2)
- 12) Image outputs : USB, RCA, S-video
- 13) Software : DN-2 micro-image process software, protector



Y-100DCA1

Connecting Computer by a USB Wire and Easy to Operate

OPTIONS:

- Plan Achromatic Objective
- Infinite Achromatic Objective System
- Infinite Plan Achromatic Objective System
- Quintuple Nosepiece
- Turret Phase Contrast Kit
- Polarization Set
- Dry, Oil Dark Field Condenser
- Kehler Illumination
- DN-3 Sehior Micro-image Analysis Software
- LED Optical Point System (DB1-180M)



Y-100DCA2

Video and Digital Signal can be Obtained at the Microscope Stand and Displayed on TV Set and PC Monitor at the Same Time by High Resolution Chip



Y-100DCC SERIES

RaxVision

DIGITAL MICROBIOLOGICAL MICROSCOPE

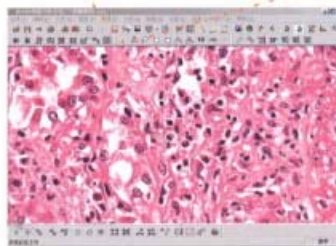
Equipped with high resolution camera system, the advanced microscope is suitably used in clinic and research fields.

SPECIFICATIONS :

- 1) Viewing Head : Compensation Free Binocular head. Inclined at 30°. Interpupillary distance 55-75mm (Y-100DCC1)
- 2) Viewing Head : Compensation Free Binocular head. Inclined at 30°. Interpupillary distance 48-75mm (Y-100DCC2)
- 3) Camera System : Inside Digital Camera System, 1.3M Pixel CMOS Chip (Y-100DCC1)
- 4) Camera System : Outside Digital Camera System with C Mount, 1.3M Pixel CMOS Chip (Y-100DCC2)
- 5) Eyepiece : High point and wide field eyepiece EW 10X/20.
- 6) Objective : CF High-contrast objective 4X, 10X, 40X, 100X
- 7) Nosepiece : Backward Quadruple Nosepiece
- 8) Stage : Double Layers Mechanical stage 140mm x 140mm / 75mm x 50mm
- 9) Focusing : Coaxial coarse & fine focus adjustment system. Range 23mm, Fine division 0.002mm
- 10) Condenser : NA 1.25 Abbe Condenser with Iris Diaphragm and filter, rack and pinion adjustment
- 11) Illumination : Halogen lamp 6V/20W, brightness adjustable
- 12) Image outputs : USB2.0
- 13) Software : DN-2 micro-image process software, protector

OPTIONS:

- 1.3M Pixel CCD Camera System
- 2M Pixel CCD Camera System
- Plan Achromatic Objective
- Infinite Achromatic Objective System
- Infinite Plan Achromatic Objective System
- Quintuple Nosepiece
- Turret Phase Contrast Kit
- Polarization Set
- Dry, Oil Dark Field Condenser
- Kohler Illumination
- DN-3 Senior Micro-image Analysis Software
- 1394 PCI Card, 1394 Cable
- PCMA IEEE1394 Card



- High-resolution Real-time Image Display by Million Pixel Digital Camera connecting to PC through USB2.0 or IEEE1394 Adaptor.
- Steady Image Show whatever Changing the Magnification of Objectives or the Size of Iris Hole.
- Wider Lux Feature to Automatically Adapts Acute Change of Brightness
- Higher Sensitivity Feature Suitable for Wide Range of Accessories Such as Dark Field, Phase Contrast, Epi-fluorescence and so on.