Portable 1600x Magnification 2.0x2.0um Digital Lcd Microscope

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A33.1009
- Minimum Order Quantity: 1 pc
- Price: FOB $1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month

Product Specification

- Magnification: 40x~1600x
- Objective: Achromatic 4x/0.10, 10x/0.25, 40xs/0.65, 100xs/1.25(Oil)
- Stage: Double Layer Mechanical Stage, 140*140mm, Mvoing Range 50*75mm
- Condenser: N.A.1.25 Abbe Condenser, Iris Diaphargm, With Filter Holder
- Sensor: 1/2.8"Sony Star Light Level CMOS Sensor
- Resolution: 5.0M CMOS
- LCD Screen: 9"LCD, Resolution 1024x600 High Clearance Screen
- Output: USB 2.0 Type-A, TF Card
- Pixel Size: 2.0x2.0um
- Power Supply: DC 12V/2A Power Adapter, Input 100-240V AC
- Highlight: **2.0x2.0um Digital Lcd Microscope**, **1600x digital lcd microscope**,

More Images

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Our Product Introduction

Product Description

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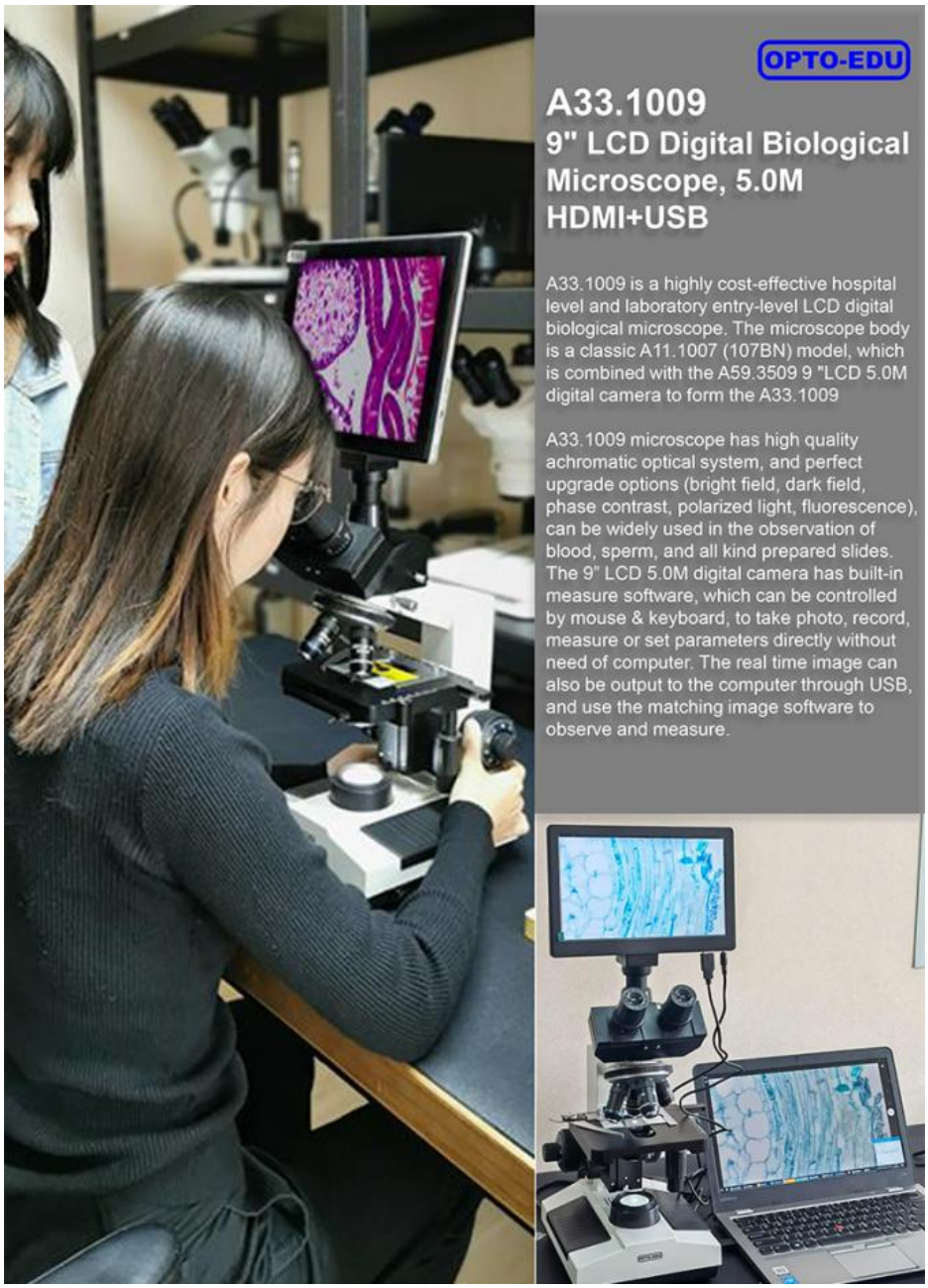


A33.1009
9" LCD Digital Biological Microscope, 5.0M HDMI+USB

A33.1009 is a highly cost-effective hospital level and laboratory entry-level LCD digital biological microscope. The microscope body is a classic A11.1007 (107BN) model, which is combined with the A59.3509 9 "LCD 5.0M digital camera to form the A33.1009

A33.1009 microscope has high quality achromatic optical system, and perfect upgrade options (bright field, dark field, phase contrast, polarized light, fluorescence), can be widely used in the observation of blood, sperm, and all kind prepared slides. The 9” LCD 5.0M digital camera has built-in measure software, which can be controlled by mouse & keyboard, to take photo, record, measure or set parameters directly without need of computer. The real time image can also be output to the computer through USB, and use the matching image software to observe and measure.

A33. Series LCD Biological Microscope

OPTO-EDU

Opto-Edu LCD Biological Microscope A33. Series

	A33.5121-TH	A33.1009	A33.1502
LCD Screen	7"	9"	10.5" Touch Screen Tablet
Digital Camera	2.0M + 1.3M	5.0M	8.0M
Control	Touch Button	USB Mouse & Keyboard	Touch Screen USB Mouse & Keyboard
Measure	PC Measure Software	Built-in HDMI Measure PC Measure Software	Built-in HDMI Measure
Output	USB to Computer, Mobile Phone	USB to Computer	HDMI, USB to U Disk, LAN, WIFI, Bluetooth
Storage	Micro SD Card	TF Card	16G Memory
C-Mount	0.3x	0.5x	1.0x
Eyepiece	WF10x, WF16	WF10x, WF16x	WF10x Dia.30mm
Objective	Achromatic 4x10x40x100x	Achromatic 4x10x40x100x	Achromatic 4x10x40x100x
Optical Magnification	40x-1600x	40x-1600x	40x-1000x
Magnification on LCD	36.72x~918x	78.8x-1970x	121.2x-3030x
Working Stage	115x125mm/30x75mm	140x140mm/50x75mm	142x132mm/50x75mm
Dimension	13*18*46cm	18*22*57cm	20*28*58cm
Package	1pc / 1ctn, 30*20*40cm, G.W. 5Kg, 0.0240CBM	1pc / 1ctn, 33*28*55cm, G.W. 9Kg, 0.0508CBM	1pc / 1ctn, 53*33*54cm, G.W. 11.5Kg, 0.0922CBM
Features	Handheld Microscope Experiment Kit, Carry Bag	Upgradeable To -Plan Objective -DF,PH,PL,FL	Touch Screen Android Pad With Measure Software, Upgradeable To -Infinity Plan Objective -DF,PH,PL,FL
Application	School,	Hospital, Laboratory	Hospital, Laboratory

Head & Eyepiece

Sliding Trinocular Black Head, With Eyepiece Adapter & 1.0x C-Mount
WF10x & WF16x

Standard Black Objective

Quadruple Nosepiece
Achromatic 4x/0.10, 10x/0.25, 40xs/0.65, 100xs/1.25(Oil)

Mechanical Stage

Double Layer Mechanical Stage, Double Slides Holder, 140*140mm

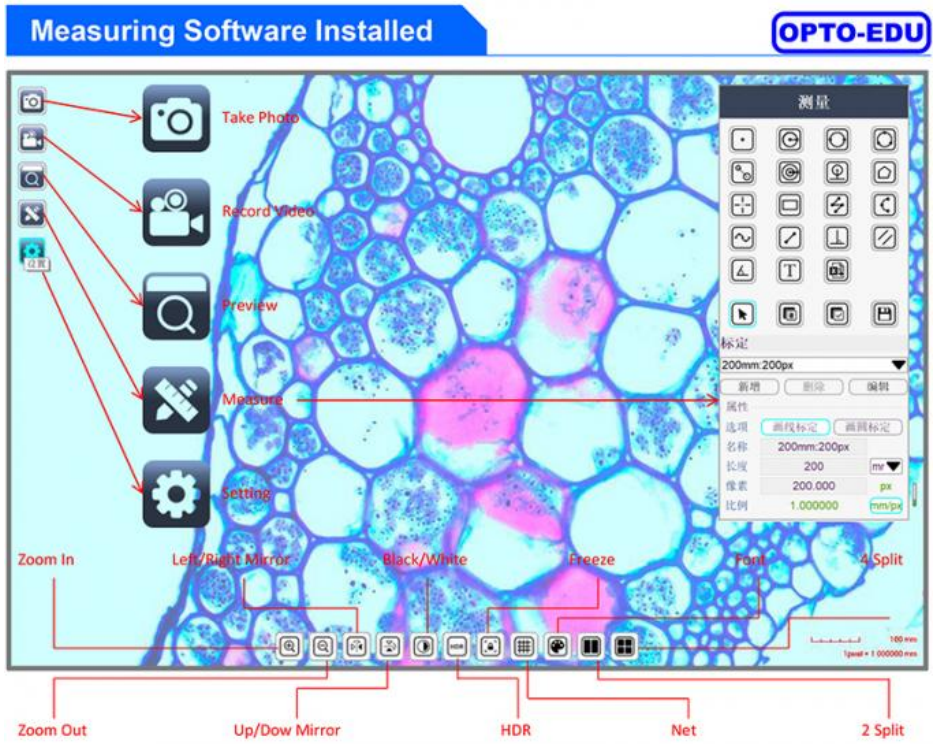
Condenser

N.A.1.25 Abbe Condenser,
Iris Diaphragm, With Filter Holder

3W LED Light Source

LED Illumination, Brightness Adjustable
(6V20W Halogen Lamp Optional)

9" LCD Digital Camera, USB2.0
+Mouse Measure, 5.0M (A59.3509)
OPTO-EDU
TF-CARD
DC-12V
TF Card
Power Switch
DC12V/2A Power
USB2.0 & Mouse


Measuring Software Installed
OPTO-EDU
Take Photo
Record Video
Preview
Measure
Setting
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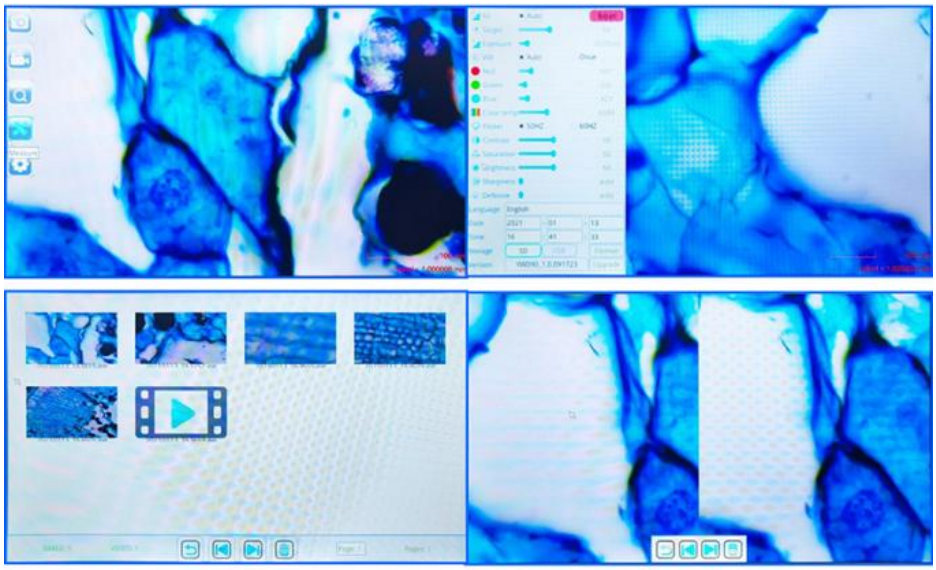
Zoom In
Left/Right Mirror
Black/White
Freeze
Font
4 Split
Zoom Out
Up/Dow Mirror
HDR
Net
2 Split



Product Specification

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A33.1009 Biological Microscope Specification	
Magnification	Optical 40x~1600x, On LCD 78.8x-1970x
Head	Sliding Trinocular Black Head, 45° Inclined, 360° Rotatable, IPD 55-75mm
Eyepiece	Wide Field WF10x/18mm
	Wide Field WF16x/11mm
Nosepiece	Quadruple Nosepiece
Objective	Achromatic 4x/0.10, 10x/0.25, 40xs/0.65, 100xs/1.25(Oil)
Stage	Double Layer Mechanical Stage, 140*140mm, Moving Range 50*75mm
Focusing	Low Position Coaxial Coarse & Fine Focusing. Fine Focusing Scale 0.002mm, With Tension Adjustment, With Safety Stop Lock Ring
Condenser	N.A.1.25 Abbe Condenser, Iris Diaphragm, With Filter Holder
Filter	Blue, Yellow, Green
Light Source	Built-in Illumination 3W LED, Brightness Adjustable
Adapter	1.0x C-Mount, Eyepiece Adapter
Packing	Foam +Carton, 1 Set/Carton, Packing Size 33*28*55cm, G.W.9Kg, N.W.7Kg
A33.1009 LCD Digital Camera Specification	
Sensor	1/2.8"Sony Star Light Level CMOS Sensor
Resolution	5.0M CMOS
LCD Screen	9"LCD, Resolution 1024x600 High Clearance Screen
Output	USB 2.0 Type-A, TF Card
Pixel Size	2.0x2.0um
Power Supply	DC 12V/2A Power Adapter, Input 100-240V AC
Function	Photo, Video, Measures, Compare
	Support USB Mouse Control To Capture Photo, Video, Measure, Setting
	USB 2.0 To Win 7, Win10 System, Software S-Eye Included
	Brightness, Contrast, Exposure, White Balance Adjustable
	10x Digital Zoom, 4 Split/ 2 Split Windows Image Compare
	Storage To TF Card
	Cross Line With Scale, Calibrated
	Net Line 8 Kinds, Width & Color Adjustable
Size / Weight	Product Size 225x52x175mm, Net Weight 0.7Kg
Standard Package	LCD Camera, USB 2.0 Cable, Mouse, DC12V Power Adapter
USB Mouse Control Operation Manual	1. Insert the mouse into the camera Type-A USB 2.0 port, connect 12V power supply to camera.
	2. Turn on the power switch, when the camera is running, the LED light turns blue
	3. Move the mouse to the top left corner of the screen to call up the MAIN MENU, including icon : Take Photo, Record Video, Preview, Measure, Setting.
	4. Move the mouse to the middle position at the bottom of the screen to call up the QUICK MENU, including icon:
	Zoom In, Zoom Out, Up/Dow Mirror, Left/Right Mirror, Black/White, HDR, Freeze, Net, Font, 2 Split, 4 Split
	5. Click the MEASURE icon to pop up the measure window, which support over 20 kinds of measurement graphics.
	6. Click the EDIT button and fill in the name to of new ruler to CALIBRATE.Move the mouse to the corresponding standard scale in the image display window and draw a standard length scale line. Then fill in the length column and click SAVE to complete the calibration setting. If you want to add more ruler, just repeat above steps.
	7.Click mm/PX to open or close the screen scale.
	8. If the USB port is directly connected to the computer, the screen and the computer can be displayed synchronously (the USB cable must be connected to the computer before the device is powered on)

Product Accessories

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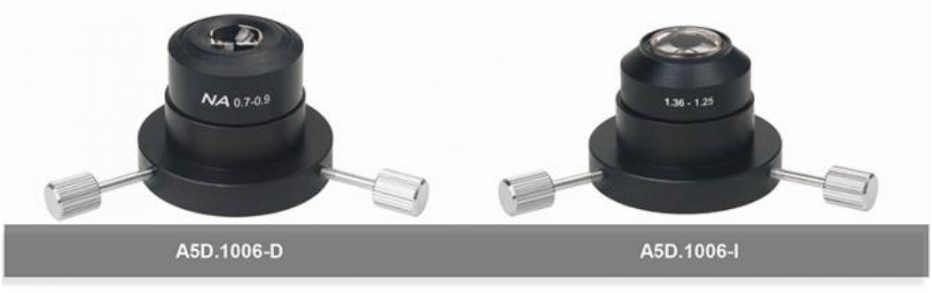
A33.1009 Biological Microscope Optional Accessories		
Video Adapter	0.45x C-Mount With Reduction Lens	A55.1002-45
Objective	Achromatic 20x/0.4, W.D.=9mm	A52.1001-20
	Achromatic 60x/085(S)	A52.1001-60
Light Source	Plan-Concave Mirror	A56.1001-1
Dark Field	Dark Field Condenser, N.A. 0.7~0.9, Dry	A5D.1006-D
	Dark Field Condenser, N.A. 1.25~1.35, Oil Immersion	A5D.1006-I
	Dark Field Objective Achromatic 100x, with Cone Diaphragm, Used With A5D.1006-I	A5D.1030-1
	Dark Field Objective Plan 100x, With Iris Diaphragm, Used With A5D.1006-I	A5D.1030-2
Polarizing	Simple Polarizing Kit	A5P.1001
	Sliding Phase Contrast Set	
	--Sliding Phase Contrast Condenser	

Phase Contrast	--Achromatic Phase Contrast Objective 10x,40x	A5C.1002-C3
	--Centering Telescope	
	--Green Filter	
Fluorescent	EPI-Fluorescent Kit	A5F.1001
	--Power Supplier 220V/110V Interchangeable, Digital Display	
	--100WHBO Ultra Hi-Voltage Spherical Mercury Lamp	
	--Barrier To Resist Ultraviolet Light	
	--Fluorescence Free Oil	
	--Fluorescent Objective 10x,25x,40x,100x	
	--Excitation Filter B	
	--Excitation Filter G	
	--Excitation Filter U	A5F.1001-U
	--Excitation Filter V	A5F.1001-V



A5P.1001 Simple Polarizing Kit

A56.1001-1 Plan-Concave Mirror

A5C.1002-C3

A5F.1001 & A5F.1001-UV

A33.1009 More Pictures

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