



Binocular Digital Stereo Microscope With Auxiliary Objectives Reach 3.5x - 180x

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: OPTO-EDU
- Certification: CE, Rohs
- Model Number: A32.3645-B1
- 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

- Eyepiece: WF10x/20mm
- Head: 45° Binocular Head 360° Rotatable
- Objective: 0.7-4.5x Zoom Objective
- Magnification Range: 7-45x With Auxiliary Objectives Can Reach 3.5x~180x
- Working Distance: 100mm
- Stand: Pole Stand, No Light Source
- Highlight: **stereo dissecting microscope, stereo zoom microscopes**



Product Description

As a research and anatomical tool in zoology, botany, entomology, histology, etc Testing of raw materials and woollen fabrics in textile industry; In the electronics industry, as a crystal assembly tool It can be used to make or inspect small precision parts, such as watches and cell phones.



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OPTO-EDU

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A32.3645

Digital Stereo Microscope, 0.7x~4.5x, 3.0M



Product Details



WF10x/20mm, High Eyepoint, Dia.30mm

0.7x-4.5x, Magnification Up To 3.5x-180x With Optional Eyepieces And Auxiliary Objectives



| A32.3645 Series Digital Zoom Stereo Microscope Specification | |
|--|--|
| Head | Trinocular Head, 45° Inclined, 360° Rotatable, Interpupillary Adjustment 54-75mm, Both Eyepiece Tube ±5° Diopter Adjustable, With Eyepiece Adapter Focus Adjustable, Light Split Fixed P50:E50, Simul Focal Design To Show Image On Both Eyepiece & Photo Port At Same Time |
| Eyepiece | WF10x/20mm, High Eyepoint, Dia.30mm |
| Zoom Lens | 0.7x~4.5x |
| Zoom Ratio | 1:6.5 |
| Optical Magnification | 7x-45x, Up To 3.5x-270x With Optional Eyepieces & Auxiliary Objectives |
| Working Distance | 100mm, Up To 30~165mm With Auxiliary Objectives |
| Field Of View | 0.9-57.1mm (Detail See Optical Data Sheet) |
| Focusing | Pole Stand Coarse Focusing Range 50mm, Tension Adjustable Track Stand Coarse Focusing Range 74mm, Tension Adjustable |
| Stand | 35 Kinds Stand Optional, Details See A54.3630 Choose Model According To Cata. No. Like: A32.3645-B1 Means Binocular Head With B1 Stand |
| Digital Camera Specification | |
| Camera Sensor | 3.0Mpixel 1/2"COMS; 1.3M,5.0M Optional |
| Resolution | 2048*1536 |
| Pixel Size | 3.18um*3.18um |
| Transmission Rate | 7 fps@2048*1536 |
| Sensitivity | 0.9v/lus-secx |
| Scanning Mode | Successive Scans |
| Operation System | Windows 2000/XP |
| Data Interface | USB2.0(480Mbit/sec) |
| Power | USB2.0 |



◆ Advanced Function: Image Stitching & Extend Depth Of Field



◆ Measure

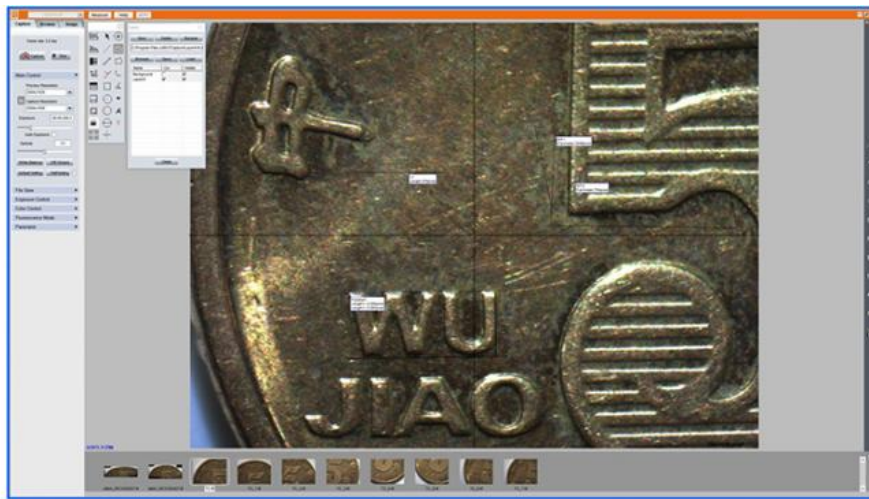
A variety of measurement methods can be applied to different observed samples

Measure Table

| Name | Length_pixel | Width_pixel | Height_pixel | Area_pixelSq | Perimeter_pi... | Radius_pixel | Angle |
|--------------|--------------|-------------|--------------|--------------|-----------------|--------------|-------|
| L1 | 478 | | | | | | |
| Parallel_1-2 | 294 | | | | | | |
| Parallel_1-3 | 297 | | | | | | |
| MP1 | | | | | 3249 | | |
| MP2 | | | | | 754 | | |

Export to TXT Export to Excel Copy OK

Close



◆ More Software Functions

Exposure Control

Auto Exposure
 Manual Exposure Extend

M: 0, S: 0, mG: 208, pS: 472

Exposure: [Slider]
 Gain: 10
 Frame Speed: High
 Data Width: 884 (16Bit)
 Shift Mode: 9-3
 Auto reinforcement
 Channel: RGB (Auto)

Fluorescence Mode

Flu Wizard Flu Default
 Apply

Current: ROY(00,254,265)
 Dye Type: 1.5 INEDANG
 Cooling Degree: 0 °C
 Temperature: -50 °C

Contrast

Contrast: 128
 Sharpness: 0
 Saturation: 128
 2D Denoise: 0

Pixel Mapping
 White Balance Monochrome
 Black Balance

Red: 176.0
 Green: 128.0
 Blue: 200.0
 Color Temperature: 1800K

File Save

Image File Format: sf
 Combined Measurement
 3D Denoise
 Use File Save Dialog
 Use File Save Config

File Name: Use Time-stamped
 TC:
 Path: D:\我的桌面\Capture images\

Continuous Shooting

Video

Parameter

A32.3645 Head



A53.3645D
Binocular Head +WF10x Eyepiece

35 Kinds Stand Optional

35 Kinds Stand Optional, Details See [A54.3630](#)
 Choose Model According To Catalogue No. Like:
A32.3645-B1 Means Binocular Head With B1 Stand





8 Stereo Microscope Series + 35 Stands

The head can be combined freely
With Different Stands & Holder Arms



A32.3645 Series Models



A32.3645-B1



A32.3645-B2



A32.3645-B2L



A32.3645-B3



A32.3645-B3LS



A32.3645-B2LD



A32.3645-B4



A32.3645-B5



A32.3645-B6



A32.3645-B7



A32.3645-B8L



A32.3645-B8LD





| A23.3645, A23.3645N Series Zoom Stereo Microscope Optical Data Sheet | | | | | |
|--|----------------|------------------|--------------|----------------|----------|
| Zoom Lens | 0.7x~4.5x | | | | |
| Auxiliary Lens | 0.5x | 1.0x (Standard) | 1.5x | 2.0x | |
| Working Distance | 165mm | 100mm | 45mm | 30mm | |
| WF10x/20mm | Magnification | 3.5x-22.5x | 7.0x-45x | 10.5x-67.5x | 14x-90x |
| | View Field(mm) | 57.1-8.9 | 28.6-4.4 | 19-3 | 14.3-2.2 |
| WF15x/15mm | Magnification | 5.25x-33.75x | 10.5x-67.5x | 15.75x-101.25x | 21x-135x |
| | View Field(mm) | 42.8-6.7 | 21.1-3.3 | 14.3-2.2 | 10.7-1.7 |
| WF20x/10mm | Magnification | 7.0x-45x | 14.0x-90x | 21.0x-135x | 28x-180x |
| | View Field(mm) | 28.6-4.4 | 14.3-2.2 | 9.5-1.5 | 7.1-1.1 |
| WF25x/9mm | Magnification | 8.85x-56.3x | 17.5x-112.5x | 26.2x-168.8x | 35x-225x |
| | View Field(mm) | 25.4-4.0 | 12.9-2.0 | 8.6-1.3 | 6.4-1.0 |
| WF30x/8mm | Magnification | 10.5x-67.5x | 21x-135x | 31.5x-202.5x | 42x-270x |
| | View Field(mm) | 22.9-3.6 | 11.4-1.8 | 7.6-1.2 | 5.7-0.9 |

Optional Accessories



A51.3621-1020
Eyepiece WF10x/20mm



A56.2103-A
LED Ring Light, 56 LEDs



A56.1211-B
LED Ring Light



A51.3621-1515
Eyepiece WF15x/15mm



A51.3621-2010
Eyepiece WF20x/10mm



A51.3621-2509
Eyepiece WF25x/9mm



A51.3622-3008
Eyepiece WF30x/8mm



A52.3621-05
0.5x, W.D. 165mm



A52.3621-15
1.5x, W.D. 45mm



A52.3621-20
2.0x, W.D. 30mm

| Optional Accessories | | Cata.No. |
|----------------------|--|---------------|
| Eyepiece | WF10x/20mm, High Eyepoint, Dia.30mm | A51.3621-1020 |
| | WF15x/15mm, High Eyepoint, Dia.30mm | A51.3621-1515 |
| | WF20x/10mm, High Eyepoint, Dia.30mm | A51.3621-2010 |
| | WF25x/9mm, High Eyepoint, Dia.30mm | A51.3621-2509 |
| | WF30x/8mm, High Eyepoint, Dia.30mm, Diopter Adjustable | A51.3622-3008 |
| Auxiliary Lens | 0.5x, W.D. 165mm | A52.3621-05 |
| | 1.5x, W.D. 45mm | A52.3621-15 |
| | 2.0x, W.D. 30mm | A52.3621-20 |



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