Our Product Introduction

## **OPTO-EDU A12.0909 Monocular Binocular Trinocular Compound Microscope** 3 Watt LED Biological Microscope

## Basic Information

• Place of Origin:

• Brand Name: CNOEC, OPTO-EDU

 Certification: CE. Rohs A12.0909 Model Number: Minimum Order Quantity: 1 pc

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**

Monocular/Binocular/Trinocular

• Certification: CE, Rohs Model: A12.0909 • Place: China 50\*76mm Moving Range: Size: 132\*140mm

Highlight: binocular compound microscope, optical compound microscope



#### More Images











## Product Description

Compound Optical Microscope Bionocular 3W LED Biological Microscope A12.0909

#### A12.0909 Biological Microscope

Newly designed in 2014, with compact and solid, innovative frame. High rigid but small series, specially designed for students in middle school and high school, has a light weight but stable structure.

- --Binocular & Trinocular Head Interpupillary Distance 50~75mm
- --Low Position Designed, Coaxial Coarse & Fine Focusing
  --Double Layer Mechanical Stage, Size 132\*140mm, Moving Range 50\*76mm
- -Abbe N.A.1.25, With Iris Diaphragm, Fixed But Centeradjustable Avoid Missing
  --3W LED High Brightness For Energy Efficiency & Environmental Protection

1501 Wanda Plaza, No.18 Shijingshan Road, Beijing 100043, China

## A12.0909 Biological Microscope



## Product Details





A12.0909 biological microscope with elaborate appearance and reliable quality, is beautiful and practical. Its easy operation and clear image inspire students' imagination and interesting of microscopy world, is helpful to explore the mystery of life sceneer. New generation of scientists are born from here.

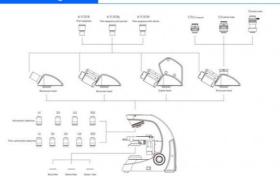




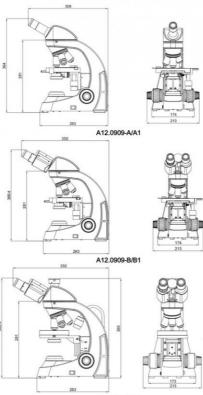


| Item                            | Magnification | N.A.<br>(mm) | WD<br>(mm) | Cover Glass<br>(mm) | Parfocal<br>Distance<br>(mm) | Conjugate<br>Distance<br>(mm) |  |
|---------------------------------|---------------|--------------|------------|---------------------|------------------------------|-------------------------------|--|
| Achromatic<br>Objective         | 4x            | 0.10         | 21.30      |                     |                              |                               |  |
|                                 | 10x           | 0.25         | 6.40       | 0.17                | 45                           | 195                           |  |
|                                 | 40xs          | 0.65         | 0.48       | 0.17                | 45                           |                               |  |
|                                 | 100xs (Oil)   | 1.25         | 0.15       |                     |                              |                               |  |
| Item                            | Magnification | N.A.<br>(mm) | WD<br>(mm) | Cover Glass<br>(mm) | Parfocal<br>Distance<br>(mm) | Conjugate<br>Distance<br>(mm) |  |
| Plan<br>Achromatic<br>Objective | 4x            | 0.10         | 15.10      |                     |                              |                               |  |
|                                 | 10x           | 0.25         | 1.50       |                     |                              | 195.00                        |  |
|                                 | 20x           | 0.40         | 8.70       | 0.17                | 0.17 45.00                   |                               |  |
|                                 | 40xs          | 0.65         | 0.38       |                     |                              |                               |  |
|                                 | 100xs (Oil)   | 1.25         | 0.09       |                     |                              |                               |  |

## Product Diagram



# Product Size (mm)



|                  |   |                 | A12.0909-C/C |      |      |    |    |  |  |  |  |
|------------------|---|-----------------|--------------|------|------|----|----|--|--|--|--|
| <b>A</b> 1       | 2.0909 Biological Microscope  | Α               | В            | С    | A1   | B1 | C1 |  |  |  |  |
| Head             | Monocular Head, 30° Inclined,<br>Binocular Head, 30° Inclined, Diopter<br>Adjustable +/-5°, Interpupillary  | •               | •            |      | •    | •  |    |  |  |  |  |
|                  | Distance 50~75mm Trinocular Head, 30° Inclined, Diopter Adjustable +/-5°,Interpupillary Distance 50~75mm, Light Split Ratio   |                 |              | •    |      |    | •  |  |  |  |  |
| Objective        | Plan 4x,10x,40x(S),100x(O,S)  | •               | •            | •    | •    | •  | •  |  |  |  |  |
|                  | WF10x/18mm  |                 |              |      |      |    |    |  |  |  |  |
| Nosepiec<br>e    | Backward, Quadrupie Nosepiece   |                 |              |      |      |    |    |  |  |  |  |
| Working<br>Stage | Double Layer Mechanical Stage, Size 132*140mm, Moving Range 50*76mm, Precision 0.1mm  |                 |              |      |      |    |    |  |  |  |  |
| Condens<br>er    | Abbe N.A.1.25, With Iris Diaphragm, Fixed But Center adjustable   |                 |              |      |      |    |    |  |  |  |  |
| Focusing         | Low Position Designed, Coaxial Coarse & Fine Focusing,<br>Coarse Focusing Range 25mm, Fine Focusing Scale<br>0.002mm, With Tension Adjustment, With Upper Safety Stop |                 |              |      |      |    |    |  |  |  |  |
| Light<br>Source  | 3W LED High Brightness  |                 |              |      |      |    |    |  |  |  |  |
| Power            | External Wide Voltage AC Adapter, 100V-240V_AC50/60Hz<br>Input, DC6V 2A Output.<br>External Wide Voltage AC Adapter, 100V-240V_AC50/60Hz                              |                 |              |      |      |    |    |  |  |  |  |
|                  | Input, DC7.5V 2A Output. (Optional) Internal Switch 100V-240V_AC50/60Hz (Optional)  |                 |              |      |      |    |    |  |  |  |  |
|                  | Internal 4 Pieces Rechargeable Batteries, External Wide<br>Voltage Battery Charger, 100V-240V_AC50/60Hz Input, DC6\<br>1A Output. (Optional)                          |                 |              |      |      |    |    |  |  |  |  |
| <b>A</b> 1       | 2.0909 Biological Microscope Optio  | nal             | Acc          | ess  | orie | s  |    |  |  |  |  |
| Eyepiece         | PL10x/18mm with Pointer, High-<br>Eyepiont E51.0906-1018  |                 |              |      | P    |    |    |  |  |  |  |
|                  | Eyepoint Eyepoint   | E51.0905-1018PR |              |      |      |    |    |  |  |  |  |
| Adapter          | C-Mount 1.0x A55.0926-10  |                 |              |      |      |    |    |  |  |  |  |
|                  | C-Mount 0.35x   |                 |              |      |      |    |    |  |  |  |  |
|                  | C-Mount 0.50x   |                 | 5.09         |      |      |    |    |  |  |  |  |
|                  | C-Mount 0.67x   | A5              | 5.09         | 26-6 | 37   |    |    |  |  |  |  |

