



OPTO-EDU A11.5110 Student Microscope with Dual LED Light Source Digital Screen and Full Metal Body for Educational Use

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A11.3621
- 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

OPTO-EDU



Product Specification

- Body Material: Solide Strong Full Metal Body
- Working Stage: Double Layer Mechanical Stage
- Focusing: Coaxial Coarse & Fine Focusing
- Illumination: Dual LED, Bottom 1W LED, Top 0.06W LED
- Power Supply: AC100-240V Adapter Supply DC 5V1A Power
- Battery: 18650 Rechargeable Battery 2000 MAH
- Highlight: **Dual LED Light Source Student Microscope, Digital Screen Compound Optical Microscope, Full Metal Body Digital Microscope**

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More Images

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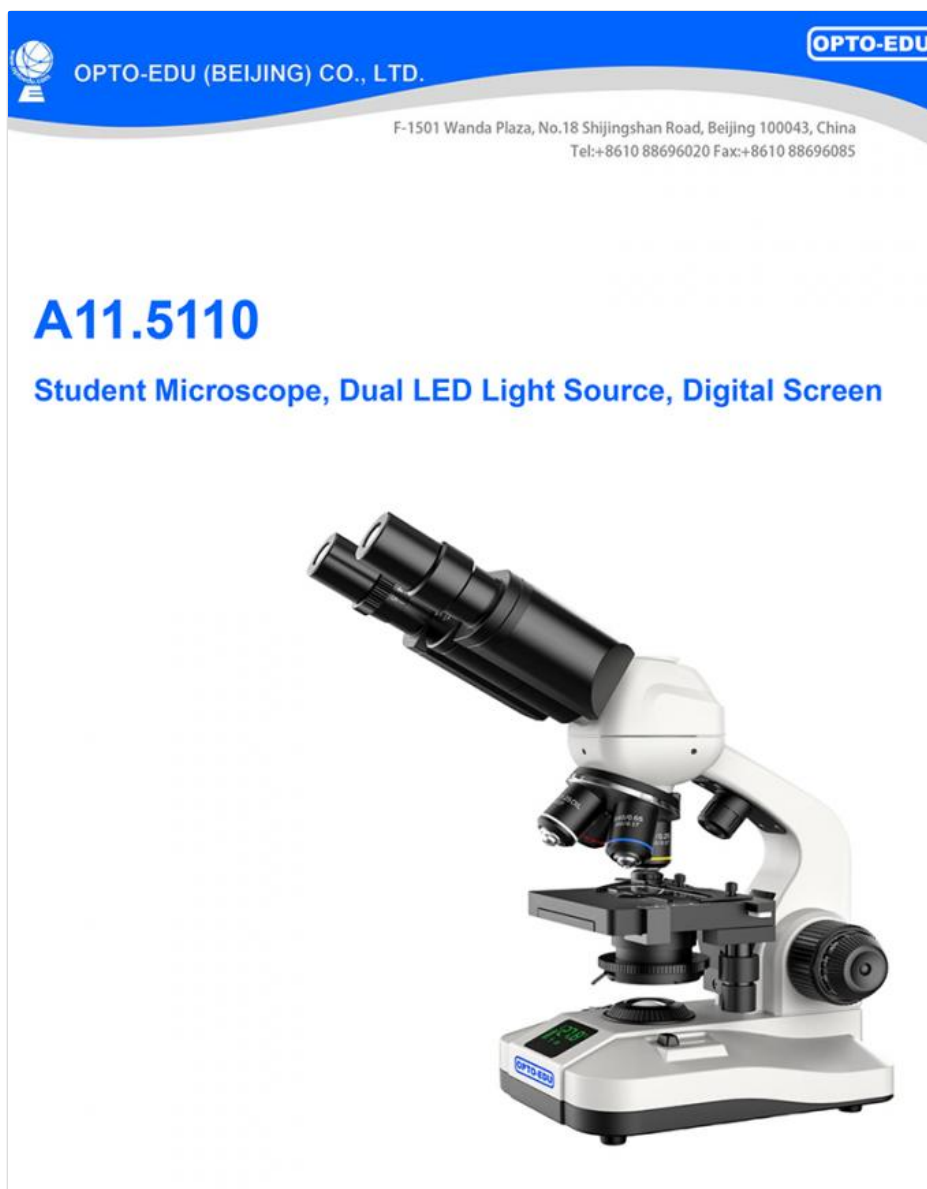
Product Description

OPTO-EDU A11.5110 Dual LED Light Source Digital Screen Student Microscope

The 2025 Brand New Design Student Microscope features a super clear optical system with LCD screen on stand, offering exceptional clarity and ease of use for educational settings.

Key Features

- Built-in Digital Screen Display: Shows stage temperature, battery level, charging status, and top & bottom light indicators
- Double Layer Mechanical Stage: 95x105mm with X/Y movement (20x50mm)
- Coaxial Coarse & Fine Focusing for precise adjustments
- Dual LED Illumination: Upper 0.06W LED + Bottom 1W LED, both with adjustable brightness
- Power Options: DC 5V1A adapter and 18650 rechargeable battery (2000 mAh, not included for air shipment)



A11.5110 Models

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A11.5110-M



A11.5110-V



A11.5110-B



A11.5110-T



A11.5110-CB



A11.5110-CT

A11.5110 Specification

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The A11.5110 Student Microscope includes wide-field eyepieces (WF10X/16mm & WF16X/13mm, Ø23.2mm) and four achromatic objectives: 4x, 10x, 40x(S), and 100X(Spring, Oil). The dual LED illumination (1W bottom, 0.06W top) ensures optimal contrast with low energy use. Designed for durability, the LED boasts a lifespan of up to 50,000 hours, making it a reliable, feature-rich tool for students and educators.



Model Specifications

Model	A11.5110-M	A11.5110-V	A11.5110-B	A11.5110-T	A11.5110-CB	A11.5110-CT
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Magnification	640X	1600X				
Body Material	Solid Strong Full Metal Body					
Head	Monocular, 30° Incline, 360° Rotate	Dual Viewing, 30° Incline, 360° Rotate	Binocular, 30° Incline, 360° Rotate, Right Diopter Adjustable ±5°, Interpupillary Distance 48-75mm	Tinocular, 30° Incline, 360° Rotate, Right Diopter Adjustable ±5°, Interpupillary Distance 48-75mm	Seidentopf Binocular, 30° Incline, 360° Rotate, Right Diopter Adjustable ±5°, Interpupillary Distance 48-75mm	Seidentopf Tinocular, 30° Incline, 360° Rotate, Right Diopter Adjustable ±5°, Interpupillary Distance 48-75mm
Photograph Adapter	-	Built-in 0.5x C-Mount	-	Built-in 0.5x C-Mount	-	Built-in 0.5x C-Mount

Technical Specifications

Eyepiece:	WF10x/16mm x1, WF16x/13mm x1 WF10x/16mm x2, WF16x/13mm x2
Nosepiece:	3 Holes 4 Holes
Objective:	Achromatic 4x, 10x, 40x(S) Achromatic 4x, 10x, 40x(S), 100x(O,S)
Working Stage:	Double Layer Mechanical Stage, 95x105mm, Moving 20x50mm (Upgradeable to heating stage with temperature control function)
Focusing:	Coaxial Coarse & Fine Focusing, Fine Division 0.008mm, Coarse Focusing Range 0-15mm
Condenser:	- Abbe Condenser N.A.1.25, With Iris Diaphragm
Illumination:	Dual LED, Bottom 1W LED, Top 0.06W LED, Both Brightness Adjustable, Life Time 50000 Hours
Power Supply:	AC100-240V Adapter Supply DC 5V1A Power
Battery:	18650 Rechargeable Battery 2000 MAH (NOT Include For Air Shipment)
LCD Panel:	Digital LCD Screen On Stand, Display Working Stage Temperature, Battery Level, Charging Status, Top & Bottom LED Light Indicator

Packing Information

Packing List:	Power Adapter, Power Cord, 18650 Battery, Instruction Manual, Dust Cover
Weight & Size:	Microscope Body 19x14x34cm, Net Weight 2.8Kg
Package (1 Unit):	27x22x40cm, G.W. 3.5Kg
Package (4 Units):	90x29x41cm, G.W. 15Kg



Wide Field Eyepiece

WF10x, WF16x, Dia. 23.2mm



Digital LCD Screen

Temperature, Battery, Charging, Up/Bottom Light



Quadruple Nosepiece

Precise Position For 4x, 10x, 40x, 100x Objectives

Dual LED Illumination

Top 0.06W LED, Bottom 1W LED, Both Brightness Adjustable



Power Adapter

Input AC 100-240V, Output DC 5V1A,
(Dual Output DC 5V2A Optional For
Microscope & LCD Digital Camera)

载物台: 双层机械平台
光源: 上下LED电光源 (亮度可调)
调焦: 超微同轴调焦
电池: 18650/3.7V 2000MAH
电源: DC5V-3.5
执行标准: GB/T2985-2008



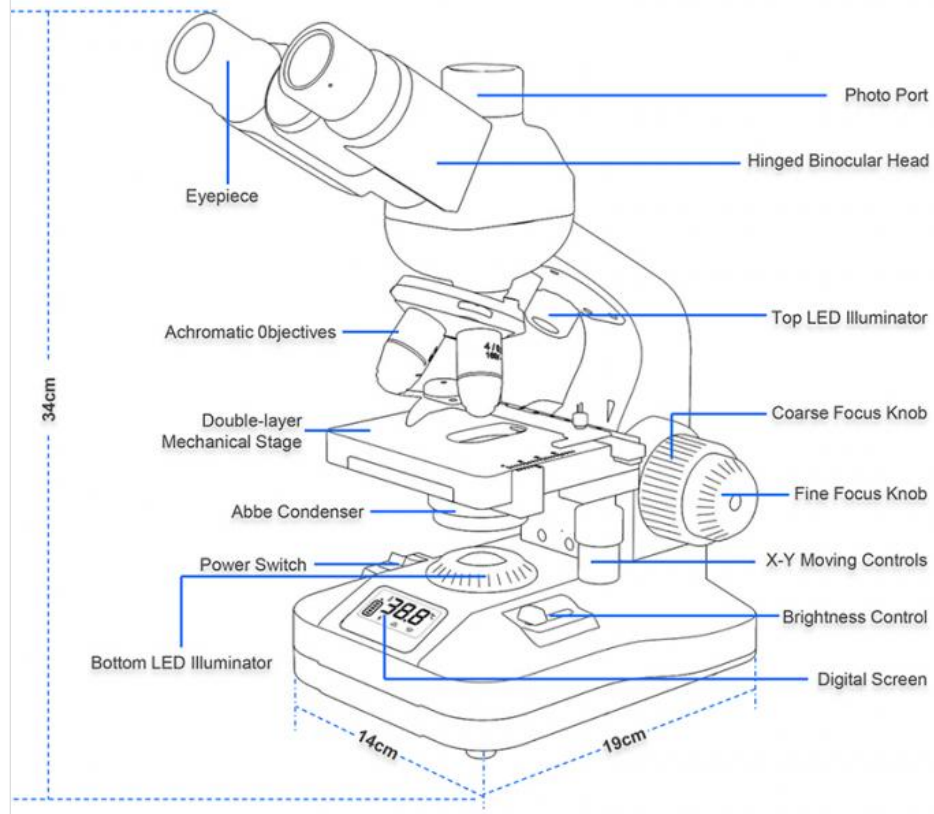
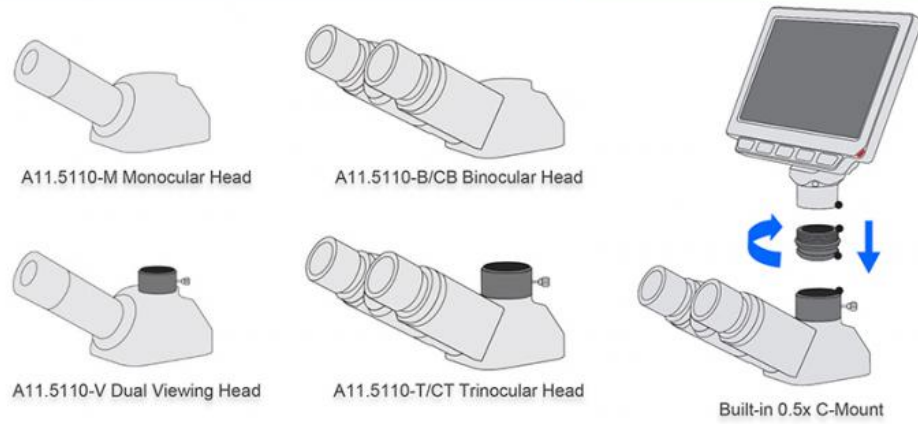
+ YJN 3.7V 18650
2000mAh 7.4Wh 250411 CE

18650 Battery

3.7V Rechargeable Battery 2000mAH

A11.5110 Size & System Diaphragm

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A11.5110-CB In Laboratory



A11.5110 and A59.5122(Optional)



A11.5110 Packing Carton



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