



## OPTO-EDU A16.2610 Trinocular 1000X Ultra LED Fluorescent Microscope

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A16.2610
- Minimum Order Quantity: 1 pc
- Price: Negotiation
- 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

- Application: Research|Learning
- Certification: CE|Rohs
- Drawtube: Trinocular
- Illumination: High Brightness 5W LED Koehler Illumination
- Magnification: 40x - 1000x
- Theory: Fluorescence Microscope

## Product Description

Ultra LED High Brightness Fluorescent Reflect Illumination Microscope With Modular Structure Design  
 Large View Field 25mm Trinocular Head With 0.5x C-Mount, Light Split E100:P0/E20:P80/E0:P100  
 Super Wide Field SWF10x/25mm Eyepiece Dia.30mm Diopter Adjustable  
 Rackless Large Mechanical Stag 280x160mm/80x52m With Double Slide Holder  
 Swing Out Condenser N.A. 0.9/0.13 + High Brightness 5W LED Koehler Illumination



OPTO-EDU (BEIJING) CO., LTD.

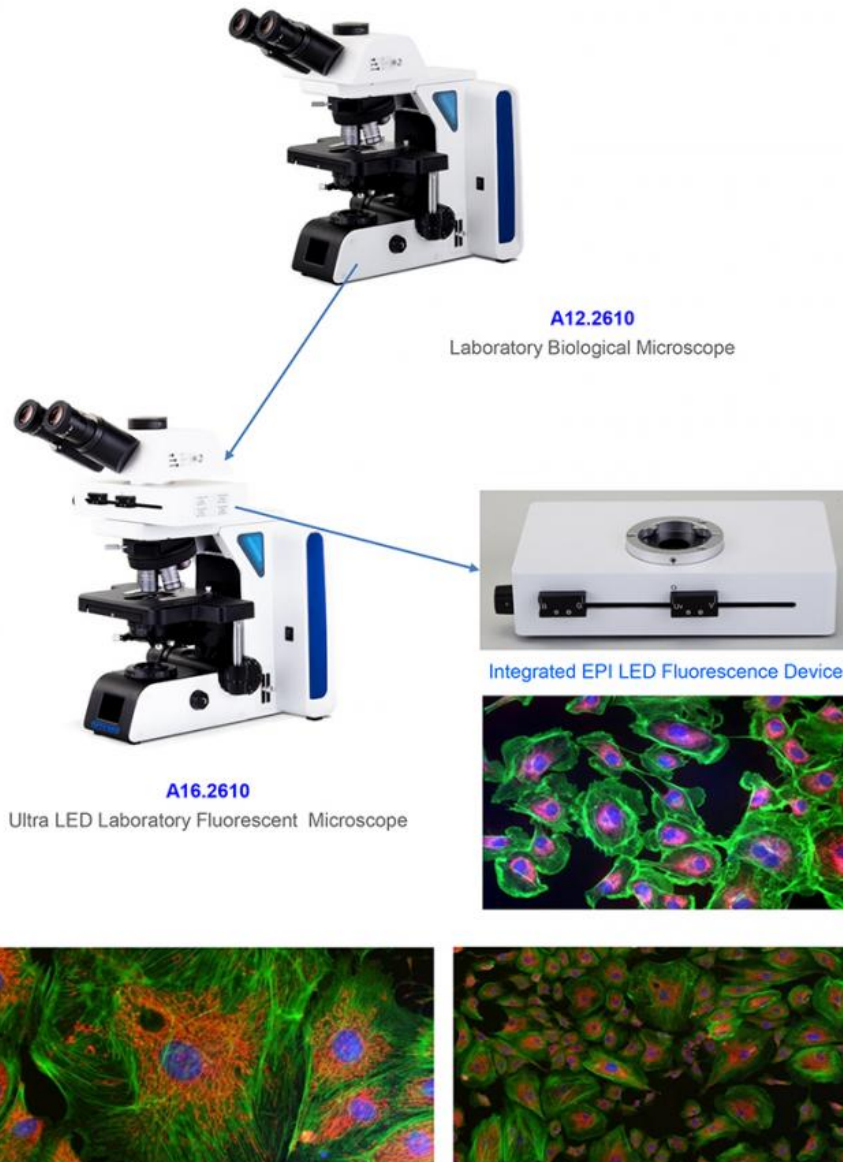
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# A16.2610

## Ultra LED Fluorescent Microscope, Semi-APO





## A16.2610 Specification

Research Laboratory Ultra LED Fluorescent Microscope		A16.2610	Cata. No.
Eyepiece	WF10x/25mm, High Eyepoint, Diopter Adjustable	••	A51.2621-1025
	WF10x/23mm, High Eyepoint, Diopter Adjustable	∞	A51.2621-1023
	PLAN 4X /0.11, W.D.12.1mm	○	A52.2610-4
Infinity Plan Objective (F.N.25)	PLAN 10X /0.25, W.D.10.0mm	○	A52.2610-10
	PLAN 20X /0.45, W.D.3.33mm	○	A52.2610-20
	PLAN 40X /0.70 (S), W.D.2.61mm	○	A52.2610-40
	PLAN 100X /1.25 (S,Oil), W.D.0.25mm	○	A52.2610-100
	PLAN 2X /0.06, W.D.7.2mm	○	A52.2606-2
	PLAN S-APO 4X /0.10, W.D.16.2mm	•	A52.2611-4
Infinity Plan Semi-APO Objective (F.N.25)	PLAN S-APO 10X /0.30, W.D.9.6mm	•	A52.2611-10
	PLAN S-APO 20X /0.45, W.D.2.8mm	•	A52.2611-20
	PLAN S-APO 40X /0.70 (S), W.D.0.55mm	•	A52.261140
	PLAN S-APO 100X /1.25 (S,Oil), W.D.0.21mm	•	A52.2611-100
Head	Trinocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance 48-76mm, 3 Light Split Ratio: E100:P0, E80:P20, E0:P100	•	A53.2610-T18
	Trinocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance 48-76mm, 2 Light Split Ratio: E100:P0, E80:P20	○	A53.2610-T13
Nosepiece	6 Holes Nosepiece, Inward	•	A54.2610-N6
Working Stage	Double Layer Rackless Mechanical Stage, Size 280x160mm, Moving 80x52mm, Double Slide Holder	•	A54.2601-AT280
Condenser	Swing-out Condenser N.A.0.9/0.13, With Scale, Can Be Locked,	•	A56.2614-C11

Polarizing	Analyzer, Put In Slide Insert To Hole On Nosepiece Polarizer, Put On Stand Light Collector	○	A5P.2601-BK
Dark Field	Dry Dark Field Condenser, Apply For 4x - 40x Objective Immersion Dark Field Condenser, Apply For 100x Objective	○ ○	A5D.2610+BK A5D.2610-BKW
Phase Contrast	5 Holes Phase Contrast Conenser, With Infinity Plan Phase Contrast Objective 10x,20x,40x,100x, Centering Telescope 10x	○	A5C.2603-BS
LED Fluorescence	<b>Newly Design 2025!</b> Ultra LED Inverted Fluorescent Microscope With All-in-One Filter + 5W LED System The LED Fluorescent Light Source And The Fluorescent Filter Are Fixed as One Unit And Move Together, Switch Easily And Providing An Ultra-high Brightness Fluorescent Light Source.  <b>A16.2610-UL2</b> B,G China Fluorescent Filters <b>A16.2610-UL3</b> B,G,UV China Fluorescent Filters <b>A16.2610-UL4</b> B,G,U,UV China Fluorescent Filters	●	A5F.2610-2 A5F.2610-3 A5F.2610-4
Koehler Illumination	5W-LED Illumination 12V/50W Halogen Lamp 12V/100W Halogen Lamp	● ○ ○	A56.2612-5WL A56.2613-12V50WL A56.2613-12V100WL
C-mount	0.5x C-Mount, Focus Adjustable 0.35x C-Mount, Focus Adjustable 0.75x C-Mount, Focus Adjustable 1.0x C-Mount, Focus Adjustable	● ○ ○ ○	A55.2601-05 A55.2601-35 A55.2601-75 A55.2601-10
Filter	Forested Glass Filter Blue/ Green/ Yellow Green Filter Yellow Filter	● ○ ○ ○	A56.2616-RSN A56.2616-RSB A56.2616-RSG A56.2616-RSY
LCD Screen ECO (Optional Only For LED Stand)	LCD Screen Optional For A12.2610 LED Stand, Function: 1,Show Customer Logo 2,Show Objective Magnification 3,Show & Remember Brightness For Each Objective 4,Set ECO Timer 5,Adjust Light Color Temperature 3500K--6000K.	○	A56.2661



Coarse and fine precise adjustment system(scale 1 $\mu$ m),  
Coarse stroke 30mm  
Focusing upper limiting device



280x160mm Rackless integrated  
Large size Mechanical stage, travel  
range 80x52mm



► **Management System(Optional)**

1. Only for LED illumination
2. LCD display
3. Power-on shows customer logo
4. Current magnification of objective display
5. Working brightness display, current brightness memory
6. Working time setting
7. LED bulb color temperature adjustable within 3500K-6000K
8. Brightness adjustment automatically upon different objectives

► **Brand new Koehler illumination system ensures excellent optical performance**



5W LED Illumination

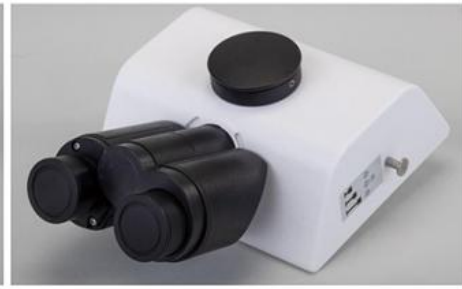


50W/100W Halogen Illumination



► A53.2610-T13 (For A12.2610-Lite)

Trinocular Head, Inclined 30° , Rotatable 360° ,  
Interpupillary Distance 48-76mm, 2 Light Split  
Ratio: E100:P0, E80:P20



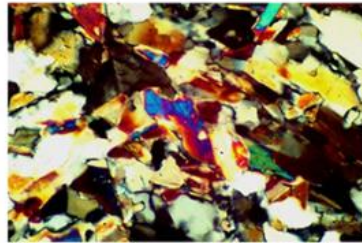
► A53.2610-T18 (For A12.2610)

Trinocular Head, Inclined 30° , Rotatable 360° ,  
Interpupillary Distance 48-76mm, 3 Light Split  
Ratio: E100:P0, E80:P20, E0:P100



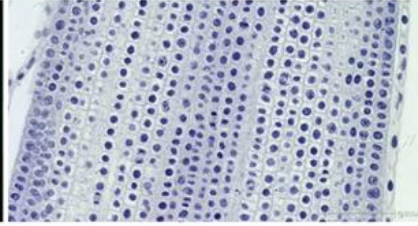
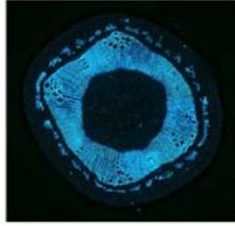
► A52.2611 Infinity Plan Semi-APO Objective (F.N.25)

► Polarizing Observation



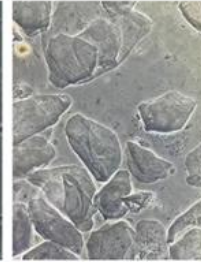
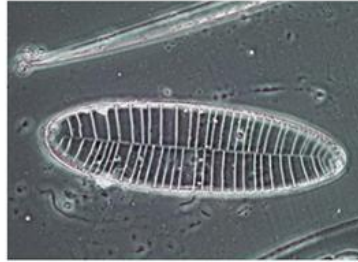


## ► Brightfield Observation

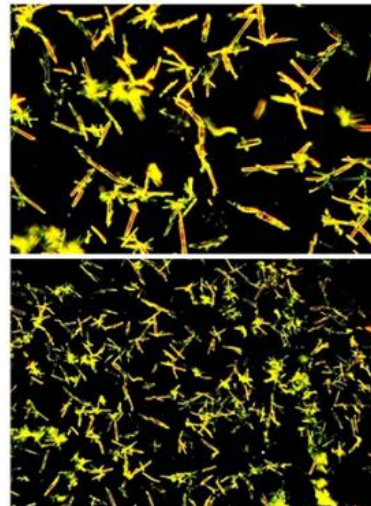


Swing-out condenser

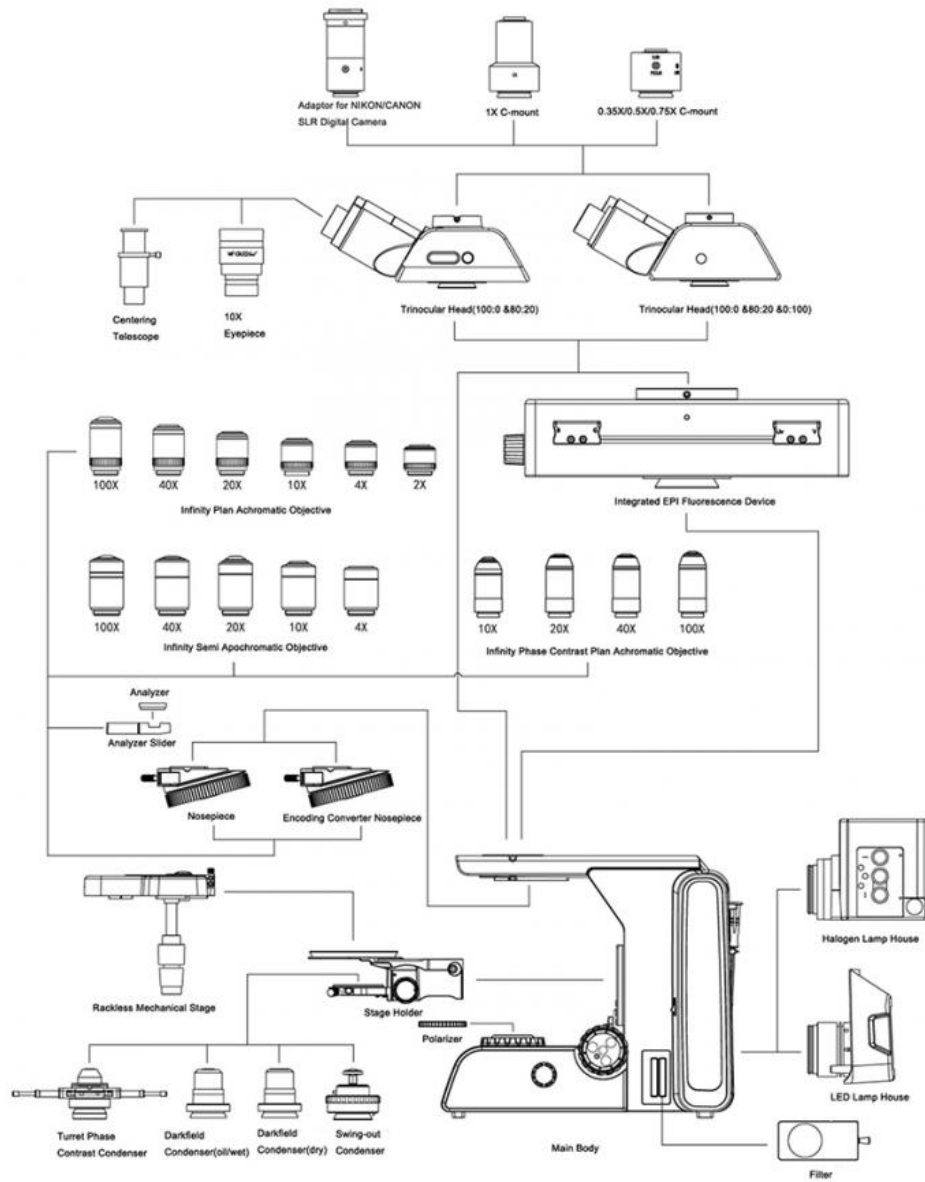
## ► Phase Contrast Observation

Qunituple turret phase contrast unit  
10X/20X/40X/100X

## ► Darkfield Observation

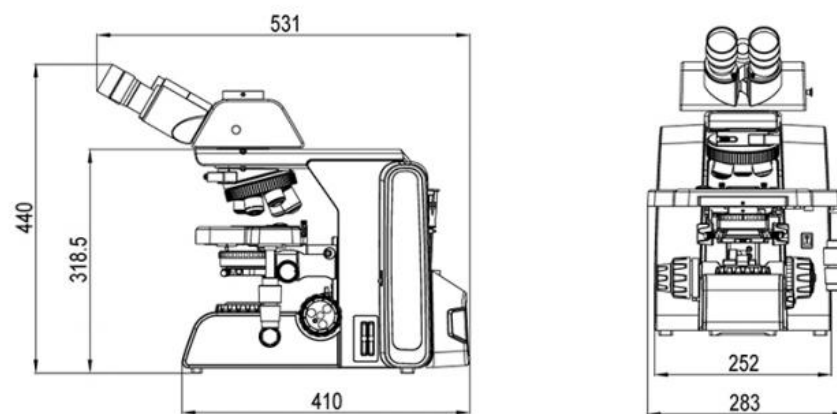
Dry darkfield  
condenserWet darkfield  
condenser

## ► A16.2610 Biological Microscope General Layout Diaphragm

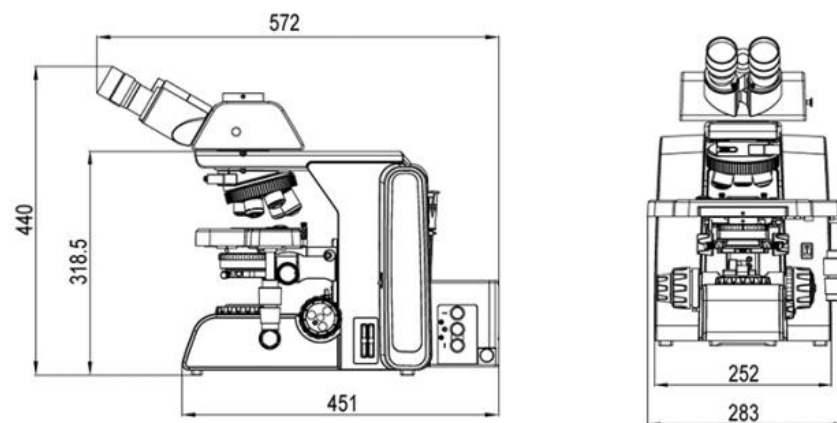




## ► A16.2610 Series Biological Microscope(LED Version)



## ► A12.2610 Series Biological Microscope(Halogen Version)





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