A12.1038 OPTO EDU Laboratory Microscope LCD Screen Base 3W LED Green Filter

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC
- Certification: CE
- Model Number: A12.1038
- Minimum Order Quantity: 1
- Price: $1-$1000
- Packaging Details: Carton
- Delivery Time: 1month
- Payment Terms: T/T,West Union and Paypal
- Supply Ability: 10000

Product Specification

- Eyepiece: EW10x/20mm, Diopter Adjustable, Dia.23.2mm
- Objective: Infinity S-Plan Achromatic Objective
- Focusing: Coaxial Coarse And Fine Focusing Knob
- Working Stage: Double Layers Mechanical Stage 150x140mm
- Highlight: **opto edu lab microscope**, **3w laboratory microscope**, **lcd screen laboratory microscope**

Our Product Introduction

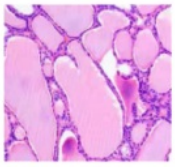
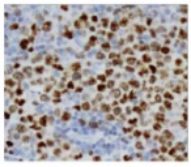
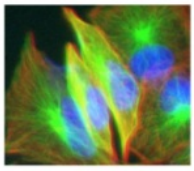
Product Description

Binocular & Trinocular, WF10x/20, Coded Quintuple, Infinity Semi-Plan 4x10x40x100x, Mechanical Stage 150x140/75x52mm, Abbe Condenser N.A.1.25, Coaxial Coarse & Fine Focusing, 3W LED, Green Filter, LCD Screen Base

A12.1037 & A12.1038

High-quality Microscope with Practicality and Durability

The A12.1037 & A12.1038 microscopes are specially designed for various microscopy needs such as teaching and clinical diagnosis. It has good optical quality, wide field of view, excellent objective performance, clear and reliable imaging. Ergonomic design provides better comfort and use experience, pays attention to the user's operating habits, starts from the details, and constantly optimizes. Modular design can realize various observation methods such as bright field, dark field, phase contrast, fluorescence, etc., providing more possibilities for your scientific research and exploration. It takes up little space and is very convenient for handling, storage and maintenance, and is the first choice for microscope beginners.

A12.1037 Upgrade To A12.1038

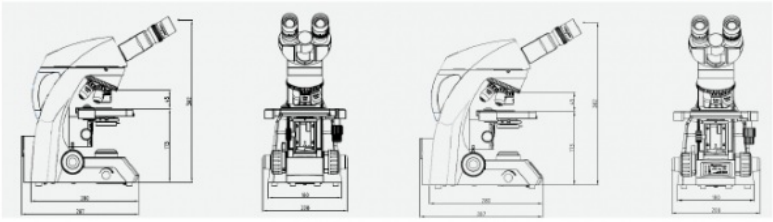
--Condenser Upgrade To Coded Nosepiece
--Stand Upgrade To With LCD Screen

A12.1037 A12.1038

Realize Various Observation Methods

Observation Methods	Bright Field	Dark Field	Phase Contrast	Fluorescent	Simple Polarizing
	•	•	•	•	•

A12.1037 & A12.1038 Dimension Unit: mm



A12.1037 A12.1038

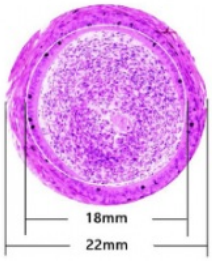
Excellent Optical Imaging

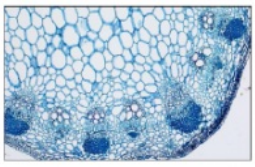
Excellent Image Quality

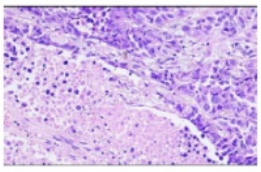
The NIS optical system of scientific research microscope is applied to student microscope for the first time. Excellent optical system is the guarantee of obtaining smooth and clear images. Achromatic objective and even plan objective can be used in this microscope. It can provide clear images with high contrast, and the clear range can reach to the edge of the field of view. It has bright and uniform illumination. NIS optical system and optical elements using advanced coating technology make it easy to obtain good quality imaging.

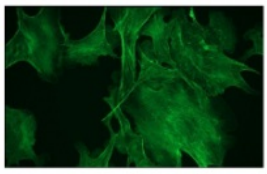
Wide Field Of View

The N-127 / N-128 microscope can achieve the 20mm wide field of view under the 10X eyepiece, with more comprehensive observation content and faster sample observation. The eyepiece adopts the plan and distortion-free design to prevent the appearance of the edge of the field of view from becoming false, and the phenomenon of variegated apertures.



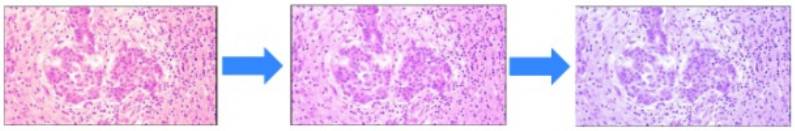






Uniform Illumination And Adjustable Color Temperature

LED light source produces sunlight illumination conditions, which makes the sample present natural color. Its color temperature changes according to observation needs, even if the user changes the brightness, it can maintain the brightness and color temperature comfortablely. The LED design life is 60,000 hours, which not only reduces maintenance costs, but also stabilizes the brightness during use.



This is a Microscope with Convenient Maintenance

Applicable to Any Environment

Anti-mildew treatment to improve accessories durability. Since the objective, eyepiece and observation tube are all effectively anti-mildew, they can ensure a continuous and clear image and prolong the service life of the microscope. Working in hot and humid environment is not affected.

Easy to Store and Transport

The microscope is small enough to fit into a common classroom wall cabinet. There is a special carrying handle, and it has light weight, good stability and stable structure. The back panel of the microscope is designed with a hub device, which can effectively store the long power cord, improve the cleanliness of the laboratory, and also reduce the trip accidents caused by the long power cord during transportation. Wooden storage box as an optional accessory can bring great convenience for storage and handling.

Use Friendly Microscope

Ergonomic Design

This microscope adopts ergonomic design, high eye point, low-hand focusing mechanism, low-hand stage and other series of ergonomic designs to ensure that users can operate the microscope under the most comfortable conditions and minimize the use of fatigue.

Extremely Smooth Nosepiece

High-precision machining ensures smoothness and durability in use. The nosepiece has a rubber ring, which is ergonomic and easy to convert.

Stage Designed for Beginners

The reckless stage prevents users from being scratched by exposed parts during use.
The slice clip can be easily operated with one hand.
When the upper limit of the stage is locked, accidental contact between the objectives and the slide can be avoided.
In order to prevent damage to samples and objectives , the coarse quasi-focus torque adjustment device can adjust the comfort of use according to personal operating habits.

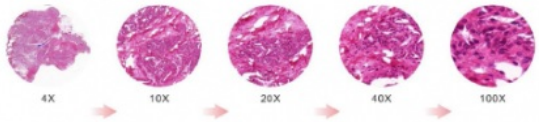
Upgrade to Intelligent Microscope

WiFi Digital Head

Built-in high-definition digital camera, support 500W, 1080P, 720P resolution video stream real-time WI-FI preview. Supporting Android, IOS, windows operating system, stand-alone use, online interactive access. The high-definition images under the microscope can be output to external devices in real time, and there is no data cable connection, the operator is more free to move. Observation, analysis and processing of microscopic imaging can be realized in external equipment, including photographing, measurement, image adjustment, storage, synthesis, etc.

Coding Nosepiece

It can remember the illumination brightness when using each objectives. When different objectives are switched between each other, the light intensity is automatically adjusted to reduce visual fatigue and improve work efficiency.

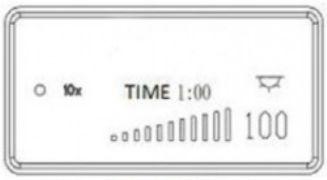


Microscope Use Status Display

The LCD screen on the front of the microscope can display the use status of the microscope, including magnification, light intensity, standby status, etc.

Start & Working Mode

Lock Mode



ECO Mode

Sleep Mode

A12.1037, A12.1038 Laboratory Microscope		A12.1037		A12.1038	
		-B	-T	-B	-T
Optical System	Infinity Optical System	●	●	●	●
Observation Method	Bright Field	●	●	●	●
	Dark Field	○	○	○	○
	Phase Contrast	○	○	○	○
	Epi-Fluorscence	○	○	○	○
	Polarizing	○	○	○	○
Head	Seidentopf Binocular Head, Inclined 30°, Interpupillary Distance 47-78mm, Eyepiece Tube Dia.23.2mm	●		●	
	Seidentopf Trinocular Head, Inclined 30°, Interpupillary Distance 47-78mm, Eyepiece Tube Dia.23.2mm, Light Split Switchable E0:P100/E100:P0		●		●
	WIFI Digital Binocular Head, Inclined 30°, Interpupillary Distance 47-78mm, Eyepiece Tube Dia.23.2mm 5.0M Digital Camera Built-in, WIFI Transmission Rate 1680p, Support Android, IOS, Windows, Stand-Alone Use, Online Interactives Access.	○	○	○	○
Eyepiece	EW10x/20mm, Diopter Adjustable, Dia.23.2mm	●	●	●	●
Nosepiece	Quintuple Nosepiece, Dovetail Interface	●	●	-	-
	Coded Quintuple Nosepiece, Dovetail Interface	-	-	●	●
Infinity S-Plan Achromatic Objective	4x/0.10, W.D.28mm	●	●	●	●
	10x/0.25, W.D.5.8mm	●	●	●	●
	40x/0.65(S), W.D.0.43mm	●	●	●	●
	100x/1.25(S.Oil), W.D.0.13mm	●	●	●	●
Infinity Plan Achromatic Objective	4x/0.10, W.D.28.0mm	○	○	○	○
	10x/0.25, W.D.10mm	○	○	○	○
	40x/0.65(S), W.D.0.7mm	○	○	○	○
	100x/1.25(S.Oil), W.D.0.18mm	○	○	○	○

Focusing	Coaxial Coarse and Fine Focusing Knob, Left Hand Has Height Limit Function, Right Hand Has Coarse Motion Adjustment Function .Coarse Stroke 37.7mm per Rotation, Fine Division 0.002mm, Fine Stroke 0.2mm per Rotation, Moving Range 20mm	●	●	●	●
Working Stage	Double Layers Mechanical Stage 150x140mm, Moving Range 75x52mm	●	●	●	●
Condenser	Abbe Condenser N.A.1.25	●	●	●	●
Illumination	3W LED Illumination, Brightness Adjustable, Green Filter	●	●	●	●
	Kohler Illumination	○	○	○	○
	LCD Screen Magnification, Brightness, Color Temperature	-	-	●	●
Dark Field	Dark Field Condenser, Dry	○	○	○	○
	Dark Field Condenser, Oil	○	○	○	○
Phase Contrast	Phase Slider For 10x-40x	○	○	○	○
	Phase Slider For 100x	○	○	○	○
Fluorescence	LED Fluorescent Illumination	○	○	○	○
	Mercury Fluorescent Illumination	○	○	○	○
Photo Adapter	1.0x C-Mount	○	○	○	○
	0.5x C-Mount	○	○	○	○
Power Supply	AC 100-240V,50/60Hz	●	●	●	●
	USB Charging Port, Support To Use Exeternal Rechargeable Battery Power Bank, Out Door Freely	○	○	○	○
LCD Screen	LCD Screen On Front Of Body, Display Using State Of Microscope, Including Magnification, Light Intensity, Standby Status, Set Power Off Timer 5 Mins to 8 Hours, And So On.	-	-	●	●
Dimensions	220(W)x290(D)x472(H) mm	●	●	●	●
Note:"●"In Table Is Standard Outfits,"○" Is Optional Accessories "-" Is Unavailable					

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