



The First Choice for
Beginners' Microscopes

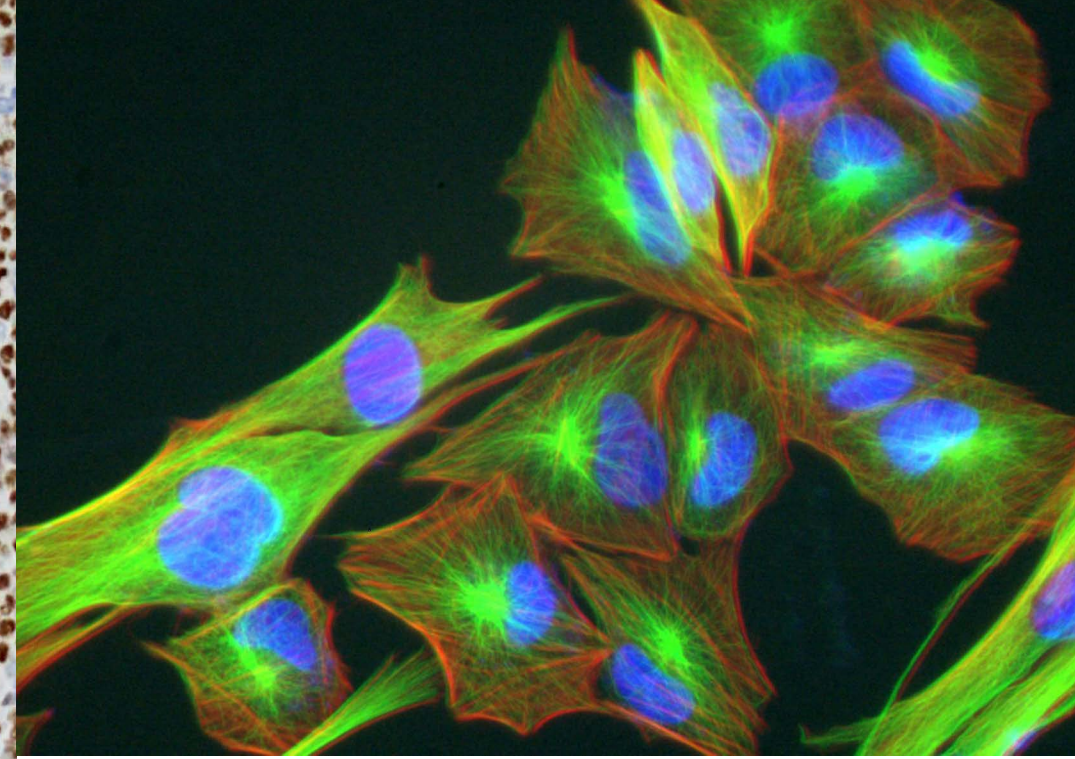
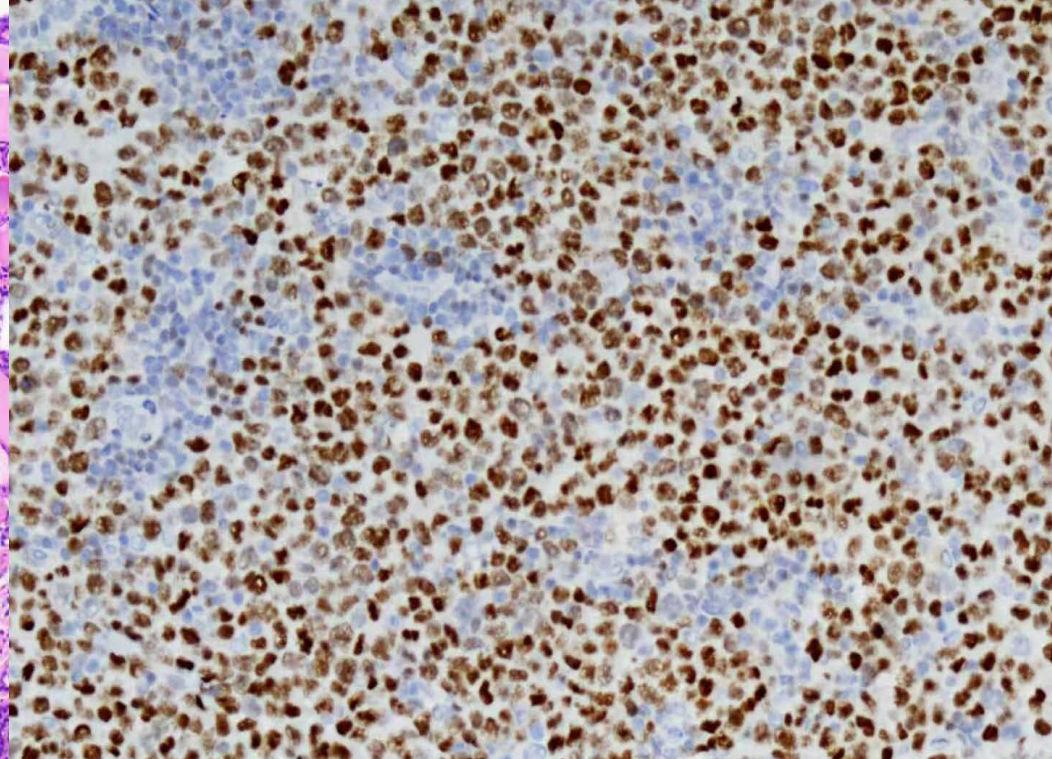
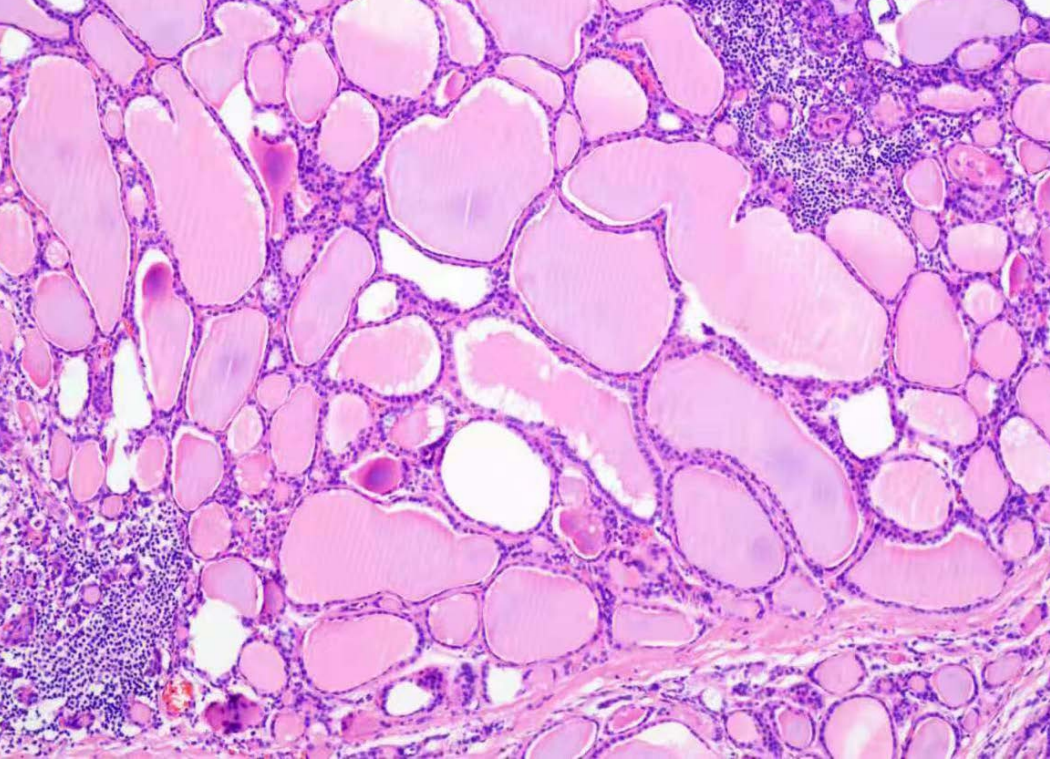


N-127/128 Series
Upright Biological Microscope



[Www.hinotek.com](http://www.hinotek.com)

Exploring Microcosm, Endless Lens



N-127/N-128 Series

High-quality Teaching Microscope with Practicality and Durability

The N-127 / N-128 series microscopes are specially designed for various microscopy teaching needs such as life sciences, pathological examination 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.



N-127



N-128

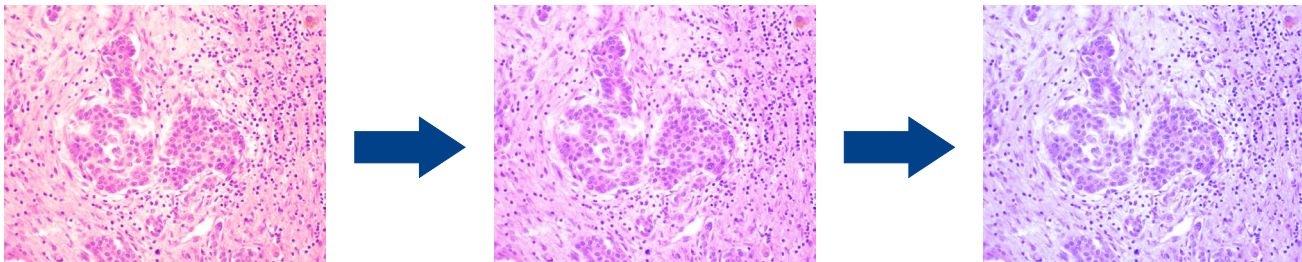
Excellent Optical Imaging

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.

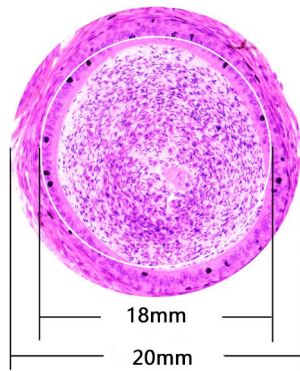
Uniform illumination and adjustable color temperature

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 comfortably. The LED design life is 60,000 hours, which not only reduces maintenance costs, but also stabilizes the brightness during use.



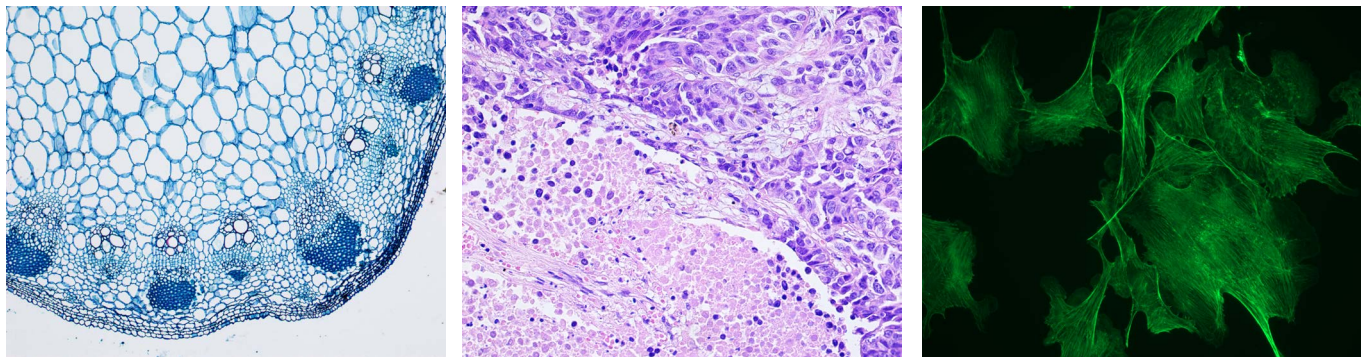
Wide Field of View

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.



Realize Various Observation Methods

Bright Field	Dark Field	Phase Contrast	Fluorescence	Simple Polarization
●	●	●	●	●



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.



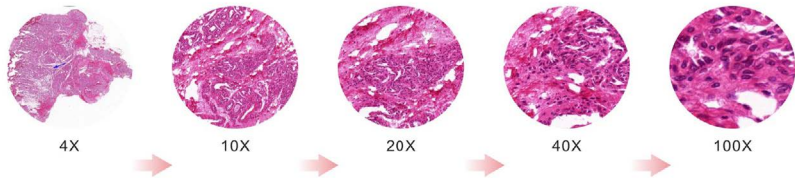
Upgrade to Intelligent Microscope

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.

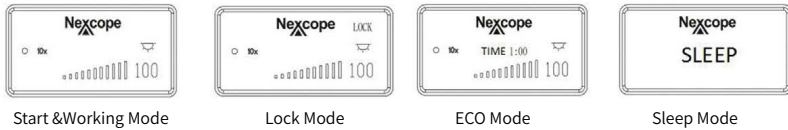
Coding Nosepiece

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.



N-127/N-128 Series Biological Microscope Specification			
	Specification	N-127	N-128
Optical System	Infinite Optical System	●	●
Eyepiece (view)	WF10×(20)	●	●
Viewing Head	Monocular Head, Inclined at 30°	○	○
	Seidentopf Binocular Viewing Head, Inclined at 30°, Interpupillary 47-78mm, Dual visibility adjustable	●	●
	Seidentopf Trinocular Viewing Head, Inclined at 30°, Interpupillary 47-78mm, Eyepiece/Camera (100/0,0/100)	○	○
	Seidentopf Binocular Digital Viewing Head, Inclined at 30°, Interpupillary 47-78mm,USB Output	○	○
	Seidentopf Binocular Wifi Digital Viewing Head, Inclined at 30°, Interpupillary 47-78mm, 5 MP, Transmission Frame Rate up to 1680p	○	○
Objective	Infinite Semi- Plan Objective	●	●
	Infinite Plan Objective	○	○
Nosepiece	Backward Quintuple Nosepiece	●	—
	Backward Quintuple Coding Nosepiece	—	●
Stage	Double Layers Mechanical Stage 150mm x 139mm, Moving Range 75mm x 52mm	●	●
Condenser	Abbe Condenser NA1.25	●	●
	Dark Field Condenser (Dry, Oil)	○	○
Focusing System	Coaxial Coarse and Fine Adjustment, 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 25mm	●	●
Illumination	S-LED Illumination	●	●
	Kohler Illumination	○	○
	LCD Displays Magnification, Brightness, Color Temperature, etc	—	●
Fluorescent Attachment	LED Fluorescent Illumination	○	○
	Mercury Fluorescent Illumination	○	○
Polarization Attachment		○	○
Phase Contrast Attachment		○	○
Reliability	Anti-mold Treatment of the Whole Machine	●	●
Filter	Green	●	●
Accessories	Dust Cover,Power Cable,Manuals	●	●

Note: ● Standard Outfit, ○ Optional

