



ECLIPSE Ci-L plus Upright Microscope

Ergonomic and comfortable to use  
- all day, every day

# ECLIPSE *Ci-L* plus

Upright Microscope



Shedding New Light  
On **MICROSCOPY**



## Ergonomic and comfortable to use - all day, every day

Microscopy observation is indispensable in a variety of situations. Clinical lab specialist, pathologists, or researchers need to carry out tasks with speed and accuracy, all while maintaining concentration over a long period of time.

"The Nikon ECLIPSE Ci-L plus" is a biological microscope designed with a focus on ease-of-use as well as the health and working styles of people involved in clinical laboratory operations.

With greater comfort and usability, the Ci series brings revolutionary changes to microscopy observation.



## ECLIPSE Ci-L plus

Upright Microscope

Paint  
free

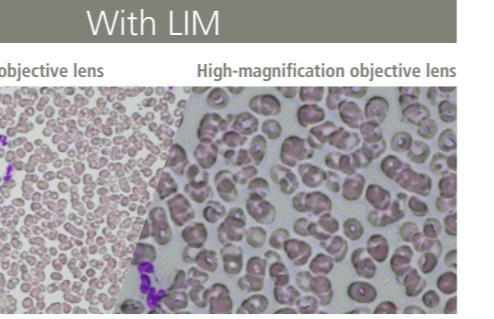
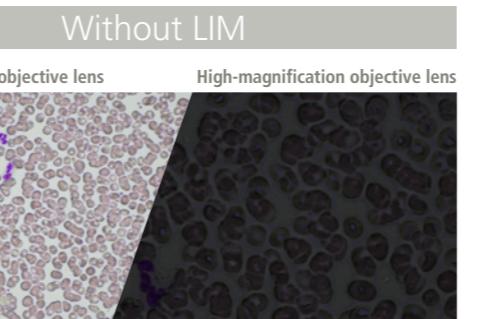
Eco  
Mode

LED  
illuminator

Complies with VOC regulations  
and other environmental regulations  
\* Front resin cover (Black) only

### ! Easy on the eyes, even during extended use

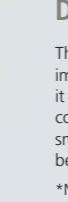
#### Maintains optimal brightness



The light intensity management (LIM) function developed by Nikon automatically stores any changes to brightness level for each objective, eliminating the need to manually adjust the illuminator and change posture every time you switch objective lenses.

### ! Objective lenses to meet diverse needs

We offer a wide range of objective lenses that are optimal for laboratory and observation work such as the Plan Fluor10X with its long working distance of 16 mm, and the CFI Plan Apochromat Lambda Series featuring the excellent quality in optical performance.



#### Digital Sight 100 microscope camera

This C-mount color camera, equipped with a 1-inch color CMOS image sensor, has a high pixel count of 17.7-megapixels, enabling it to capture clear images with a wide field of view. Its excellent color reproducibility and high-speed live image display enable smooth image acquisition. It also enables the microscope image being observed to be output to a monitor via HDMI connection.

\*NIS-Elements LE imaging software is required for controlling the camera.

#### NIS-Elements LE imaging software

This software allows easy control of a camera from a desktop PC or tablet, and also includes functions such as annotation and measurement. In combination with the Digital Sight 100, it also supports remote imaging via Wi-Fi.

### ! Maintain a natural posture during observation

Ergonomically designed with attention toward eliminating neck, shoulders, and back strain



The eyepiece tube can be inclined and extended, and the angle of the elbow can be adjusted by changing the height of the handle, so that you can always adopt a posture that suits you, thereby reducing physical strain.

### ! Keep the same observation posture with automatic brightness adjustment



The LIM function saves and recalls the optimal brightness level for each objective, eliminating the need to manually adjust the illuminator and change posture every time you switch objective lenses.

### ! Enjoy enhanced efficiency during observations

Status Display for easy confirmation at a glance



Quickly and easily check magnification and brightness settings using the display at the base of the microscope without changing your observation posture.

### ! Turning the eyepiece automatically adjusts the scale bar



The scale bar on the PC display changes automatically to match the magnification level, eliminating the need to set the scale manually.

\*Sold separately. Software NIS-Elements LE is recommended. Camera required.

## Main specifications

Main body	ECLIPSE Ci-L plus	
	Optical system	CFI60 Infinity Optical System
	Illumination	High luminescent White LED Illuminator
		Light Intensity Management (LIM) feature, ECO mode <sup>*1</sup> , Sleep mode <sup>*2</sup>
	Controls	Image capture button
	Eyepieces (FN)	Sleeve diameter Φ30 mm · CFI 10X (22) · CFI 12.5X (16) · CFI 15X (14.5) · CFI UW 10X (25)
	Focus	Coaxial Coarse/Fine focusing, Focusing stroke: 30 mm, Coarse: 9.33 mm/rotation, Fine: 0.1 mm/rotation, Fine movement scale 1 μm, Coarse motion torque adjustable, Refocusing function
Tubes	Nosepieces	· Exclusive Intelligent sextuple nosepiece (with Analyzer slot)
	FN 22	· C-TB Binocular Tube · C-TE2 Ergonomic Binocular Tube (Eyepiece: Port = 100:0, 50:50) via optional C-TEP2 DSC Port, C-TEP3 DSC Port C-0.55X Inclination angle: 10-30 degree, Extension: up to 40 mm
	FN 25	· C-TF Trinocular Tube F (Eyepiece: Port = 100:0, 0:100) · C-TT Trinocular Tube T (Eyepiece: Port = 100:0, 20:80, 0:100)
Stages		Cross travel 78 (X) × 54 (Y) mm, with vernier calibrations, stage handle height and torque adjustable for all stages · C-SR2S Right Handle Stage with 2S Holder · C-CSR Right Handle Ceramic-coated Stage · C-CSR1S Right Handle Ceramic-coated Stage with 1S Holder · C-H2L Specimen Holder 2L(Option) · C-H1L Specimen Holder 1L(Option)
Condenser	Manual	Focusing stroke: 27 mm · C-AB Abbe Condenser · C-AR Achromat Condenser · C-DO Darkfield Condenser Oil · C-DD Darkfield Condenser Dry · C-PH Phase Contrast Turret Condenser · C-AA Achromat/Aplanat · C-SA Slide Achromat Condenser 2-100X · C-SW Swing-out Achromat Condenser 1-100X · C-SWA Swing-out Achromat Condenser 2-100X · C-LAR LWD Achromat Condenser
Observation methods <sup>*3</sup>		Brightfield, Epi-fluorescence, Darkfield, Phase contrast, Simple polarizing, Sensitive color polarizing
Epi-fluorescence attachment		· CI-FL-2 Epi-fluorescence Attachment (4 filter cubes mountable) · D-FL-2 U-EPI Epi-fluorescence Attachment (6 filter cubes mountable, Terminator mechanism)
Epi-illumination light source		· D-LED1 Fluorescence LED Illumination system
Power consumption		5.0 W (Brightfield configuration)
Weight		13.3 kg (Binocular standard set)

\*1 This is an energy-saving function that turns off the transmitted lighting and liquid crystal display to put the power consumption into a low power consumption state (Sleep mode) when there is no operation for a certain period of time.

\*2 While the attached AC adapter is connected to the microscope, it is always energized, but it is in a state of standby with low power consumption. \*3 Optional accessories are required for observations other than bright field.

### Safety Precautions

TO ENSURE CORRECT USAGE, READ THE CORRESPONDING MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.

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