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. 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 research.

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

DS-Fi3

A 5.9 megapixel CMOS image sensor allows for the capture of images up to 2880 x 2048 pixels with color tones that faithfully represent the specimen.

Optional accessories

Intuitive camera control with a tablet PC

The 10-inch tablet PC is easy to position next to the microscope. The tablet is equipped with NIS-Elements L software which supports image acquisition and measurements. Tablet operation is easy and intuitive with menu navigation at your fingertips.

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.

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.

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.

Turning the nosepiece 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.

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.

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 settings. This helps avoid drastic changes in brightness when switching between different magnifications during observation, thereby helping to mitigate eye strain.

Without LIM

Low-magnification objective lens  High-magnification objective lens

With LIM

Low-magnification objective lens  High-magnification objective lens

*Sold separately: Software (NIS-Elements D / BR / AR), Nikon recommended camera required
## Main specifications

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<th>Main body</th>
<th>ECLIPSE C-L plus</th>
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<tr>
<td>Optical system</td>
<td>CF60 Infinity Optical System</td>
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<tr>
<td>Illumination</td>
<td>High luminescent White LED Illuminator</td>
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<tr>
<td>Eyepieces (F.O.V mm)</td>
<td>Coaxial Coarse/Fine focusing, Focusing stroke: 30 mm, Coarse: 9.33 mm/rotation, Fine: 0.1 mm/rotation, Fine movement scale 1μm, Coarse motion torque adjustable, Refocusing function</td>
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<tr>
<td>Nosepieces</td>
<td>Exclusive Intelligent sextuple nosepiece (with Analyzer slot)</td>
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<tr>
<td>F.O.V. 22mm</td>
<td>· C-TB Binocular Tube</td>
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<tr>
<td>F.O.V. 25mm</td>
<td>· C-TF Trinocular Tube F (Eyepiece: Port = 100:0, 0:100)</td>
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<td>Stages</td>
<td>· C-TT Trinocular Tube T (Eyepiece: Port = 100:0, 20:80, 0:100)</td>
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<td>Condenser</td>
<td>· C-AB Abbe Condenser</td>
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<td>Epi-fluorescence attachment</td>
<td>· C-AR Achromat Condenser</td>
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<td>Epi-illumination</td>
<td>· C-SW Swing-out Achromat Condenser 1-100X</td>
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<td>Power consumption</td>
<td>5.0W (Brightfield configuration)</td>
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<tr>
<td>Weight</td>
<td>13.3kg (Binocular standard set)</td>
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### Safety Precautions

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

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