

CX2 Series

CX21LED
LED Illumination Model



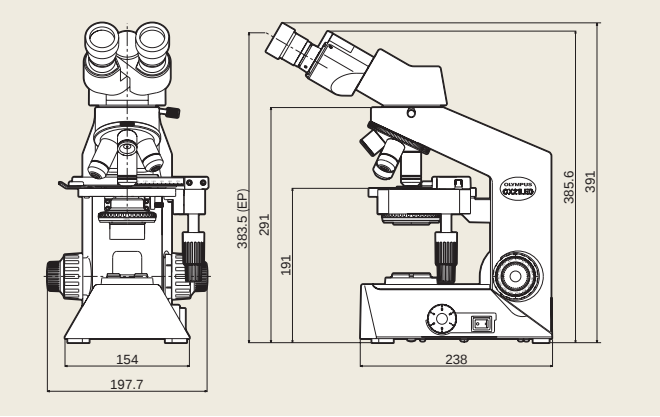
CX21
Halogen Lamp Model



CX21LED/CX21 Specifications

Model	CX21LED/FS1/CX21LED/FS2	CX21/FS1/CX21/FS2
Optical System	UIS2 (Universal Infinity System) optical system	
Illumination System	Built-in transmitted illumination system, 0.5 W LED	Built-in transmitted illumination system, 6 V 20 W halogen bulb
Focusing	Stage height movement (coarse movement stroke: 20 mm) Fine focus graduation: 2.5 μm	
Revolving Nosepiece	Fixed quadruple nosepiece	
Stage	Wire movement mechanical fixed stage: 120 x 132 mm Traveling range: 76 mm (X) x 30 mm (Y) Single specimen holder	
Observation Tube	30° inclined binocular tube Interpupillary distance adjustment range: 48–75 mm	
Condenser	Abbe type with aperture iris diaphragm N.A.: 1.25	
Objectives	Plan Achromatic objectives (anti-fungus) 4x N.A.: 0.10 W.D.: 18.5 mm 10x N.A.: 0.25 W.D.: 10.6 mm 40x N.A.: 0.65 W.D.: 0.6 mm 100xOil N.A.: 1.25 W.D.: 0.13 mm (CX21LED/FS1/CX21/FS1 only)	
Eyepiece (10x)	Field Number (F.N.): 18 (anti-fungus)	
Optional Accessories	Mirror unit, 15x eyepiece (F.N. 12, anti-fungus), wooden storage box, filar micrometer, wire pointer, filter holder, darkfield stop, cord rest (CX21 only)	
Weight	Approx. 6 kg	
Rated Voltage/Electric Current	AC 100–240 V 50/60 Hz 0.4 A	AC 100–120/220–240 V 50/60 Hz 0.42/0.25 A
Power Consumption	1.7 W	18 W

CX21LED/CX21 Dimensions (unit: mm)



Wooden storage box
A wooden storage box is available as an optional accessory. It is convenient, sturdy and includes a handle for easy carrying. Dimensions: 264 (W) x 305 (D) x 474 (H) mm





ECO-PRODUCTS

Please visit our web site for further information: <http://www.olympus.co.jp/en/eco-products/>

CX21LED/CX21 are the environmental conscious products according to OLYMPUS's own standards.

Main features of OLYMPUS Eco-products are as follows.

- Lead-free and arsenic-free Eco-glass for optics, such as lenses and prisms.
- Adoption of cardboard for packing materials without styrene foam for promoting the recycling.
- Some accessories are inapplicable.

- OLYMPUS CORPORATION is ISO14001 certified.
 - OLYMPUS CORPORATION is FM553994/ISO9001 certified.
 - Illumination devices for microscope have suggested lifetimes. Periodic inspections are required. Please visit our web site for details.
- * Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer.



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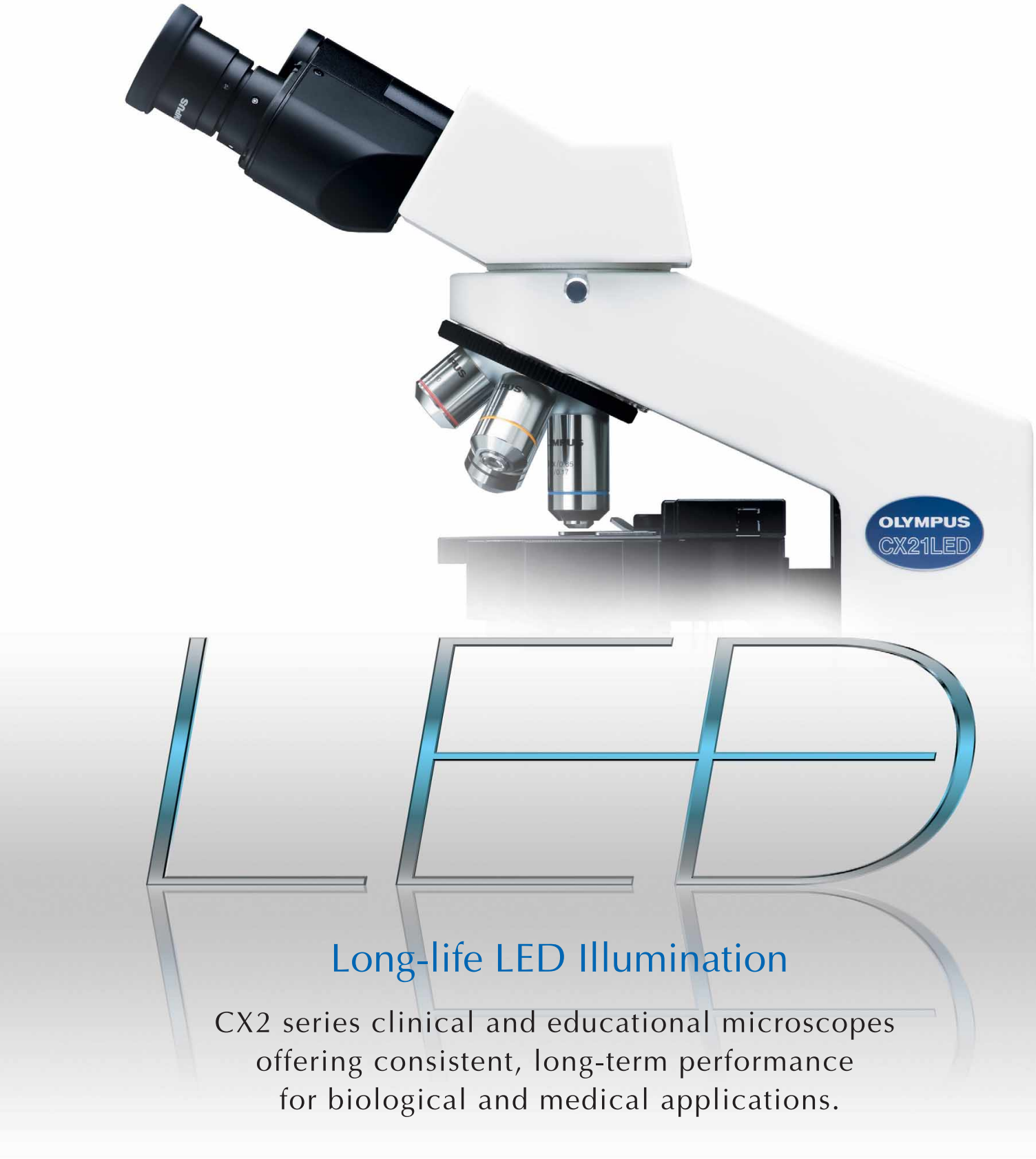
Your Vision, Our Future

Biological Microscope

CX21LED/CX21

CX2 Series





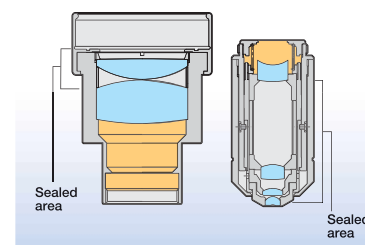
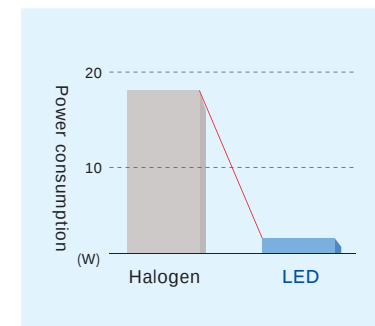
Long-life LED Illumination

CX2 series clinical and educational microscopes offering consistent, long-term performance for biological and medical applications.

High performance
that lasts longer.

Built-in LED illumination eliminates the need for frequent lamp replacement.

Featuring a light-emitting diode (LED) with a lifetime of an impressive 20,000 hours, the CX21LED combines extended, environmentally friendly performance with reduced running costs. And with a mirror unit available as an optional accessory, observations can even be made with no power source.



Secure components keep the CX2 series in one piece.

Olympus CX2 series microscopes are designed for long-term use. Eradicating danger of parts loss and minimizing risk of breakage during transport, the eyepiece, objectives and condenser are all factory-attached to the body, while the revolving nosepiece is firmly fixed to the wide and rigid arm. Olympus has even designed the body with minimal weight, dimensions and protrusions to make transport and storage even safer.

Anti-fungus treatment helps preserve image clarity.

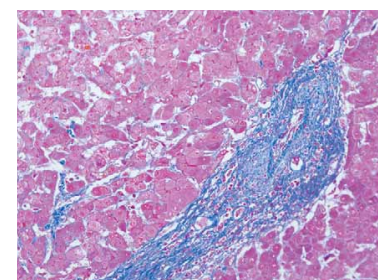
An effective anti-fungus treatment is applied to the objectives, eyepieces and observation tube for consistent image clarity and long operation life even in hot humid work conditions.



Well suited to
a wide range of
users.

Color balance that stays constant across differing levels of brightness.

The CX21LED features high-quality LED illumination that makes color balance more faithful to the specimen at hand. And because the color temperature of LED illumination remains constant across changes in brightness, color balance remains stable whatever your desired level of brightness.



Rackless stage for durability and ease of use.

The wire-driven stage movement avoids any protrusion of racks — preventing the possibility of accidental hand injury, while the abrasion-resistant rackless design ensures continuous smooth movement.

Plan objectives included as standard for optimal flatness of field.

CX2 series microscopes also offer advantageous clarity and contrast, with plan objectives included as standard that ensure sharp focus extending to the periphery of view.

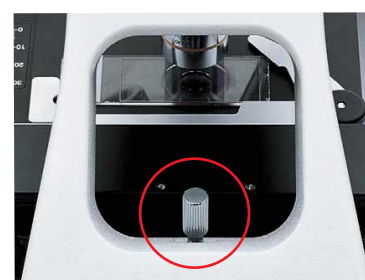


Smooth, sharp focusing.

Sharp focus is made easier for everyone. Coarse movement tension can be adjusted to suit your personal preference, and the coaxial coarse/fine-focusing knob can be operated from either the left- or right-hand side.

Ultra-smooth, quadruple revolving nosepiece.

High-precision machining ensures smooth operation and durability. Nosepiece includes a rubber ring for an easy ergonomic grip.



Mechanical stage focus-lock prevents mishaps.

The focus position can be locked, making it easy to refocus when the specimen is changed. With the upper stage position locked, there is no chance of the objective accidentally touching the slide and damaging either the specimen or the objective itself.