

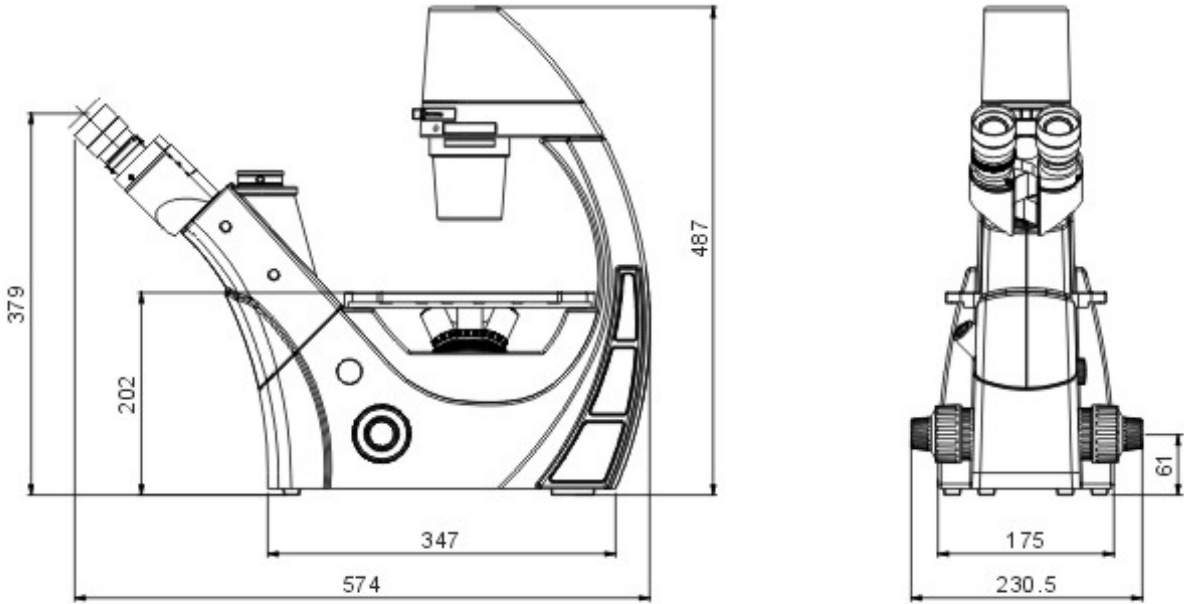
ICX40

Laboratory Inverted Biological Microscope

ICX40 specifications

Model	ICX40
Optical System	Infinity color corrected optical system
Eyepiece	High eye-point plan eyepiece PL10X/22, field of view: 22mm. High eye-point plan eyepiece PL10X/22r, field of view: 22mm, with reticle. High eye-point plan eyepiece PL15X/16, field of view: 16mm
Objective	OLIPP2N long working distance plan positive phase contrast objective 4X、10X、20X、40X
Nosepiece	Revolving quintuple nosepiece (option: quadruple nosepiece)
Viewing Head	45° inclined gemel binocular head, interpupillary distance range: 54-75mm. 45° inclined gemel trinocular head, interpupillary distance range: 54-75mm. Fixed splitting ratio for binocular: trinocular= 80:20.
Stage	Fixed stage size: 250x160mm, slider clips, extension plate and coaxial moveable stage can be assembled.
Focusing adjustment	Coaxial focus system with up-limited and tension adjustment. Coarse range: 9mm, fine range: 0.2mm, fine precision: 0.002mm.
Attachable moveable stage	Coaxial focus system, range: 120x78mm, various of holders can be assembled.
Holder	Slides holder (φ 54mm and 26.5x76.5mm) Teraseki holder (φ 65mm and 56x81.5mm) φ 35mm Petri dish holder
Condenser	N.A.0.3 Koehler illumination condenser, with phase-adjustable slide plate, long working distance 72mm. The whole set can be rotated down.
Filter	φ 45 mm green interference filter, color temperature change filter, infrared eliminate filter
Illumination	5W warm color LED, 12V3.3A external transformer, intensity adjustable.

ICX40 dimensions : mm



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As technical improvement, manufacturer has right to make renovation in designing without notice

SUNNY INSTRUMENTS
have passed the certificate:
ISO 9001
ISO 14001
ISO 13485

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SUNNY INSTRUMENTS
ICX40 Series

ICX40

Laboratory Inverted Biological Microscope

With ergonomic design
simple operation and excellent cost performance
ICX40 is fabulously suitable in tissue culture
and living cells observation



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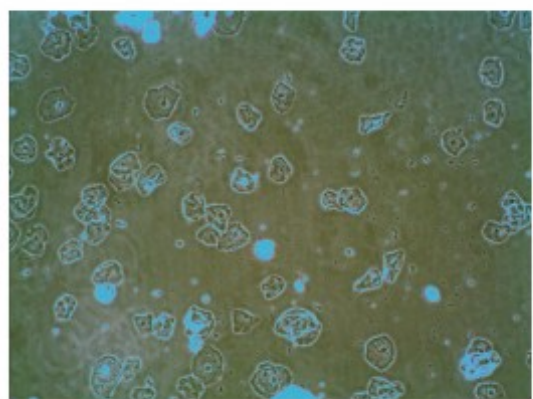
In addition to its excellent cost performance, ICX40 is highly commended by its stable optical performance and simple operation.

With compact design and convenient operation, ICX40 can detect cells rapidly and efficiently, which satisfies the requirement of daily work and high-end research in the lab. It also can be used as an equipment for senior course.

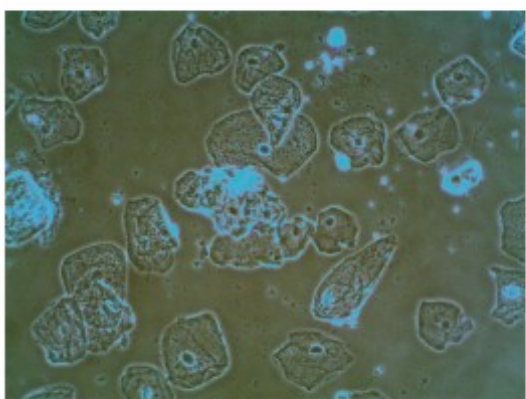
- Infinity color corrected optical system with excellent optical performance, makes the image clear and bright.
- Phase contrast with the characteristics of high-contrast and low chromatic, highlights the cell outline and internal structure.
- Efficient and compact appearance design, correspond ergonomics and save space for the labs.
- High-precision focusing device and convenient illumination adjustment, help to achieve outstanding work.
- Delicate mechanical design and reliable manufacturing skills, insure its fabulous stability even under an adverse condition, it can be used enduringly as your most reliable friend.

Phase contrast observation

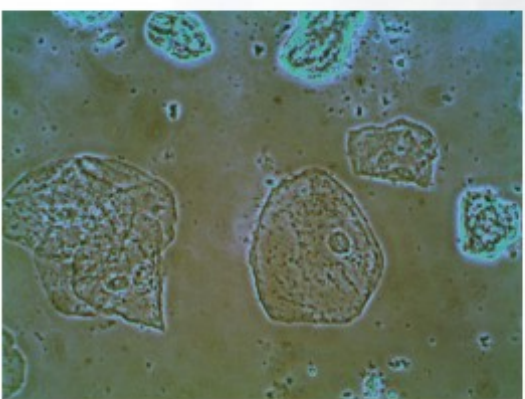
Insert the phase contrast plate to the slot of condenser, with the phase contrast objective and condenser, phase contrast observation is available. Present you perfect image effects of living cells, unstained or low chromatic samples.



Ph10x



Ph20x



Ph40x



Eyepiece

Plan eyepiece with 22mm field of view, is conducive to search and count. High eye-point achieves more comfortable observation. Adjustable diopter presents the best image effect to the users with different eyesight.



Drawer type LED

5W warm color LED illumination, has the characteristics of stable color temperature, low power consumption, long lifetime and adjustable intensity. Preset center adjusts the light to the best condition. Drawer type LED is easy to change.



Power keeping

12V3.3A external transformer, set on the back of microscope. The unique design makes it convenient to carry the power when moving the microscope.

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Laboratory Inverted
Biological Microscope

Perfect details ensure a rapid and simple operation

Stage and accessories



Fixed huge flat stage adopts advanced hard coating technology, corrosion resistant and wear resistant. Extension plate, mechanical moveable stage and various of Petri dishes can be mounted.

Objective



OLIPP2N phase contrast objective, large numerical aperture and overlength working distance. Any magnification can be switched freely without encounter the stage.

Series	Magnification	N.A.	W.D.	F.N.	Cover glass thickness	Immersion	Spring
PlanPH2 series	PlanPH2 4X	0.13	10.4	22	—	/	/
	PlanPH2 10x	0.25	6.9	22	1.2	/	/
	PlanPH2 20X	0.40	6.7	22	1.2	/	/
	PlanPH2 40x	0.65	3.0	22	1.2	/	Yes