Unlocking the Invisible Universe:
Explore with the Next Generation Research

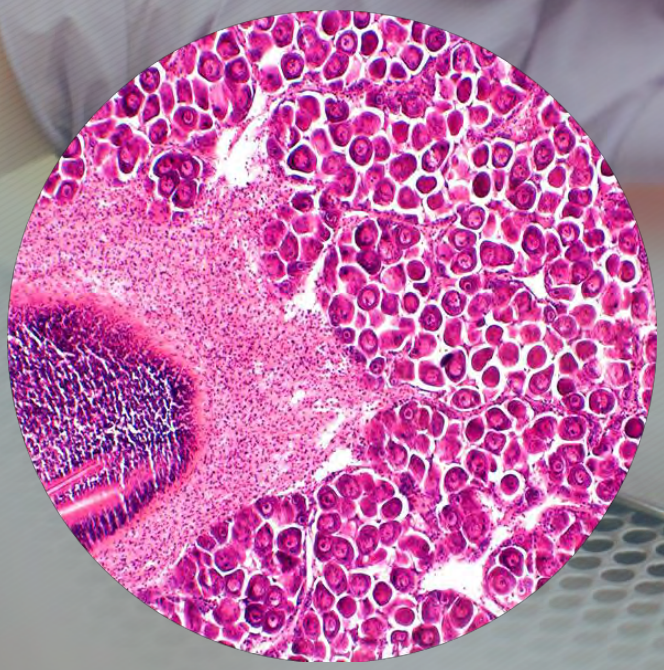
C3 Biological Microscope

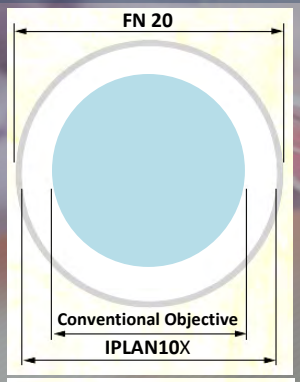
TECHNOLOGY PARTNER

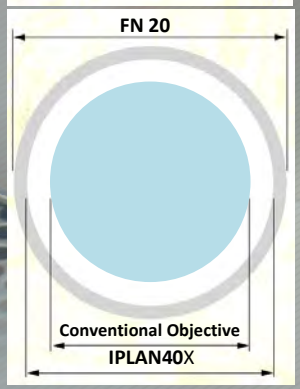
EGLASS
GERMANY

Advance optical performance with
Excellent Cost-Efficiency and Quality

OUTSTANDING FLAT IMAGES FROM OUR IP SERIES OBJECTIVES



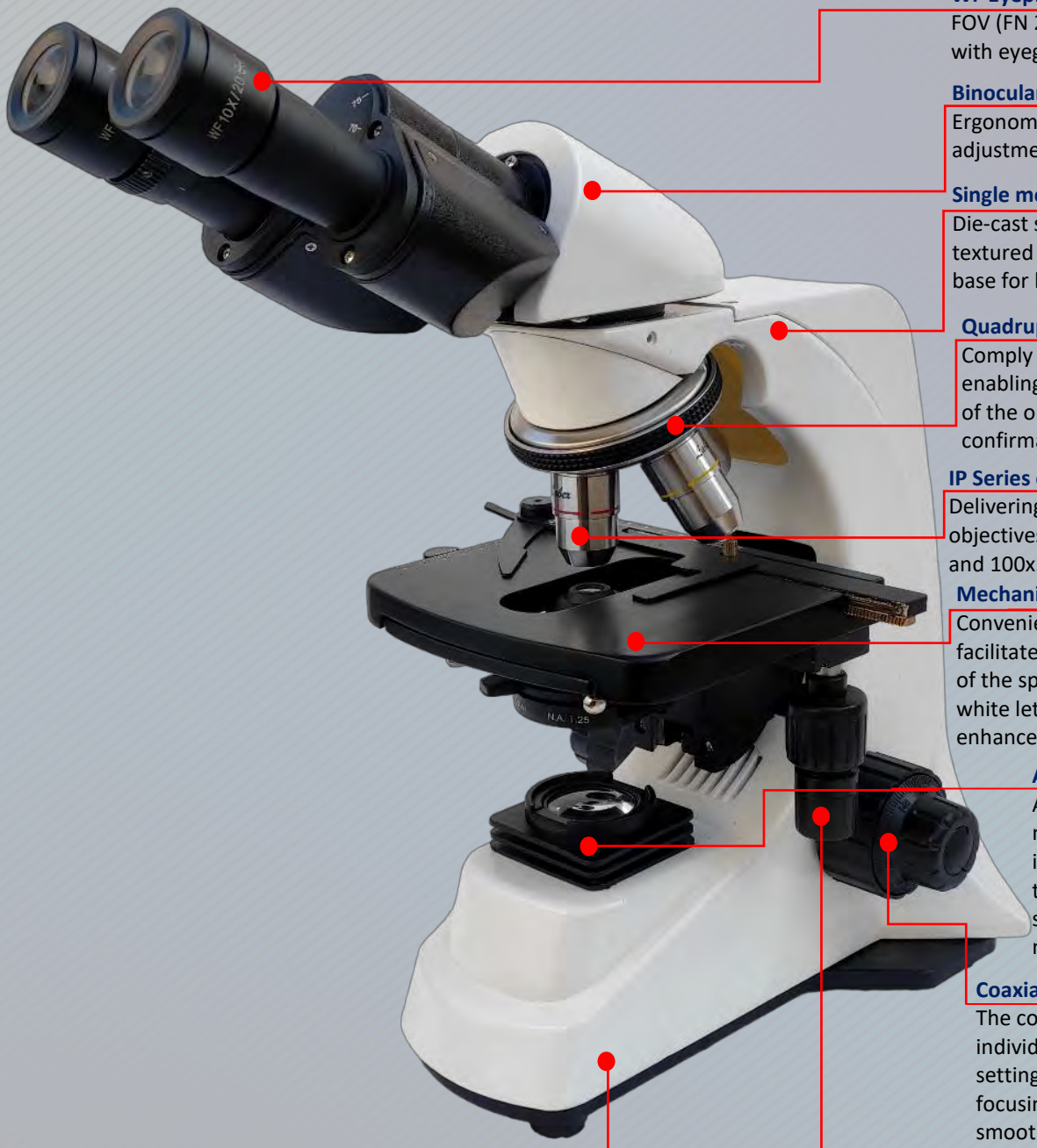




CHARACTERIZED BY A ROBUST AND ENDURING DESIGN

The microscope boasts outstanding construction quality, with meticulously crafted components such as objectives, eyepiece, observation tube, revolving nosepiece, and a steadfast mechanical stage firmly affixed to the body. This meticulous engineering ensures a secure and reliable configuration, minimizing the risk of any components coming loose or falling off during transportation. The utilization of a mechanical stage, designed in such a way that X-axis guides, further enhances both the ease and safety of transportation and operation.

Labex C3 microscope seamlessly continues the stellar global legacy established by its predecessor, the KX i2000, across diverse medical and educational domains. Beyond its enhanced optical capabilities, the C3 introduces superior user-friendliness and remarkable cost-effectiveness to elevate the overall microscope experience.



WF Eyepieces
FOV (FN 20) allows easy observation with eyeglasses.

Binocular observation tube
Ergonomic 30^0 inclined with dioptric adjustment on the left eye tube.

Single mould
Die-cast sturdy stand with anti-rust material, textured paint, and an ergonomic extended base for hand rest and enhanced stability.

Quadruple inward-facing revolving nosepiece
Comply with a broad range of magnifications, enabling unrestricted use of the space in front of the objectives and facilitating easy confirmation of observation magnifications.

IP Series objectives
Delivering exceptional image flatness, the IP Plan objectives come in magnifications of 4x, 10x, 40x, and 100x.

Mechanical Stage
Conveniently situated at a lower position, facilitates seamless and comfortable movement of the specimen. Scale gradations, displayed in white lettering against a black background, enhance visibility.

Abbe condenser
An Abbe condenser, featuring a numerical aperture (NA) of 1.25 and an integrated aperture diaphragm, offers a tailored diaphragm configuration suitable for diverse specimens and magnification levels.

Coaxial coarse, fine focusing knob
The coaxial coarse/fine focusing knob enables individual operators to fine-tune torque settings for precise control during coarse focusing operations. This design ensures a smooth and effortless focusing experience, allowing users to keep their hands comfortably positioned on the hand rest.

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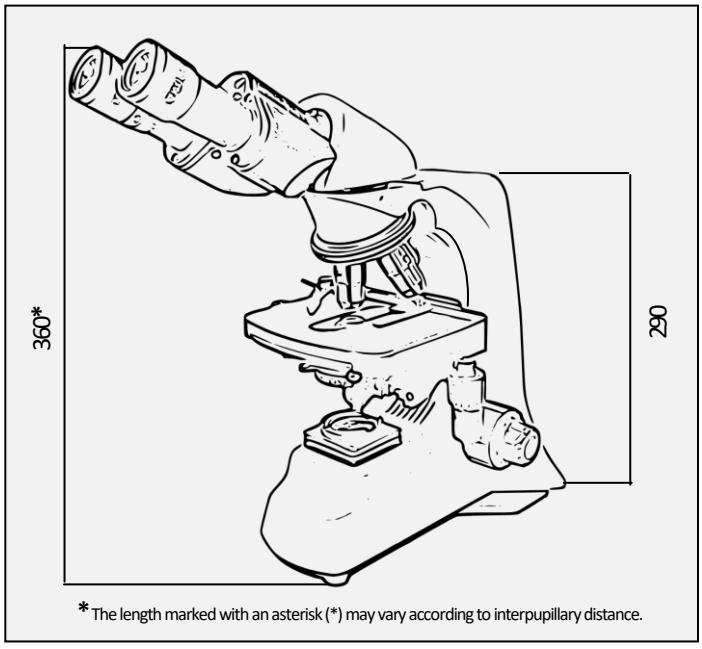
Exceptionally sturdy structure
The frame's heightened rigidity stands resilient against frequent utilization and adjustments.

Specifications

Model		C3
Optical system		Infinity colour corrected optical system
Stand/Body (anti-corrosion material)	Single Mould	Die cast sturdy stand with ergonomic extended base for hand rest and greater stability (anti-fungal mould treated)
Binocular observation tube (anti-fungal mould treated)	Tube inclination	30^0
	Rotation	360^0
	Interpupillary distance adjustment range	50-75 mm
Eyepieces (anti-fungal mould treated)		WF 10x / FOV 20 mm, with dioptric adjustment (anti-reflection coated)
Nosepiece revolving		Fixed quadruple nosepiece with inward tilt, with soft rubber grip
Objectives (anti-fungal mould treated)	Infinity Plan Achromatic	4x/NA 0.10, 10x/NA 0.25, 40x/NA 0.65 spring loaded, 100x/NA 1.25 spring loaded, oil, (anti-reflection coated)
Stage (anti-corrosive coated)	Mechanical	Double layered graduated scratch proof rectangular stage
	Size	150 x 135 mm
	X/Y travel range	75 mm X-direction x 55 mm Y-direction
	Co-axial controls	Spring clip, low drive right hand movement controls, double specimen holder
Coarse & Fine Focusing		• Focusing Co-axial coarse and fine focus on ball drive system • Brass metal gears for smooth operation with torque adjustment on one ring side
Condenser	Type	Abbe condenser, with built-in daylight filter
	NA	1.25 with aspheric lens
	Aperture iris diaphragm	Built-in
Illumination	Optional battery back-up	Built In Labex proprietary with numerous possibilities of field operations Super Bright LED 3W with intensity control regulator
	Electrical	Universal power supply 100V to 240V, AC 50-60 Hz, CE compliant
Packaging		Packed in molded Styrofoam box with: Operation Manual, Cleaning Cloth and Dust Cover
Optional accessories & upgrades		Trinocular viewing head for digital upgrade, Polarizing, Phase Contrast, Dark Field Attachments, CCD & CMOS Camera Modules, LCD Screen, Plano Concave Reflector Mirror, Objectives Infinity Plan 20x, 60x

Dimensions (Unit: mm)



*The length marked with an asterisk (*) may vary according to interpupillary distance.