CX30 Biological Microscope

- **High Performance**
- **High Contrast**
- **High Performance : Price ratio**

A **New Advanced Biological Microscope** specially designed for universities and laboratories of lifescience. The CX30 LED microscope is supplied with a trinocular head and 0.5x C-mount adapter. Designed with LED substage illumination for quick start, controlled and stable lighting, the 3 watt module has lower power consumption and longer life than halogen. The system is supplied with flat field Infinity Corrected Plan Achromatic 4x, 10x, 40x and 100x objectives having improved image quality and contrast ratio. The modern design has easy side access to the LED substage light and rear carry handle. Focusing eyepieces with Interpupillary distance of 50-75mm. Rotating eyepiece tube design to raise or lower viewpoint by 34mm.

Options include:

Phase contrast flashboard inserts, objectives and centering eyepiece
Simple polarising set
Dark-field inserts
Colour filter set

40x objective (new)

40x objective (traditional)

Trinocular Head

CX30 Biological Microscope

Infinity Optical System, 30 degree inclined gemel trinocular head, 360 degree adjustable, PL10x/22mm adjustable eyepieces, Infinity Planachromatic objectives 4x/0.1, 10x/0.25, 40x/0.65, 100x/1.25 oil , quintuple rotating nosepiece, kohler illumination system, 90-240V power supply with 3W LED lamp, fine and coarse focusing, 150 x 140 mm mechanical stage with moving range 76 x 50 mm, precision 0.1 mm. Coarse focusing of 30mm with tightness adjustment and place limit set, fine adjustment precision 0.002 mm. NA 1.25 Kohler condenser.

Series	Magnification	N.A.	WD	FN	Cover Glass Thickness	Immersion	Spring
	Plan 4x	0.10	11.9	22	0.17	/	/
	Plan 10x	0.25	12.1	22	0.17	/	/
Plan	Plan 20x	0.45	1.5	22	0.17	/	/
Series	Plan 40x	0.65	0.36	22	0.17	/	Yes
	Plan 60x	0.85	0.3	22	0.17	/	Yes
	Plan 100x	1.25	0.18	22	0.17	Oil	Yes
Plan	Plan 10x	0.25	12.1	22	0.17	/	/
PH	Plan 20x	0.45	1.5	22	0.17	/	/
Series	Plan 40x	0.65	0.36	22	0.17	/	Yes
	Plan 100x	1.25	0.18	22	0.17	Oil	/

Phase contrast condenser, objectives and centering eyepiece

Polariser and Analyser

Colour, and neutral density filters