

# I SPECIFICATIONS

Item	Description		
Focus adjustment	Focus adjustment by vertical movement of the nosepiece (stage is fixed) by means of the coarse/fine adjustment knobs, provided with tension adjustment mechanism. Focusing range (from the focal point on the stage surface): 6 mm upward and 2 mm downward.		
Nosepiece	Quadruple, with provision for mounting a simple filter analyzer.		
Stage	160 mm (X) x 240 mm (Y). Substage: 70 mm (X) x 180 mm (Y).		
Attachable mechanical stage	Traversing area: 120 mm (X) x 78 mm (Y); coaxial low drive control knobs on the right or left side of the plain stage; provided with 2 culture vessel holders.		
Illumination	Light source	6 V 20 W halogen bulb	
	Light intensity control	Continuously variable by resistor	
	Filter holder	For 45 mm-dia. filters.	
	Built-in filter	Frosted, heat absorbing filter	
	Condenser	Ultra long-working distance condenser N.A. 0.3, W.D. 72 mm; detachable.	
Optics for observation	Afocal optical system.		
Binocular tube	Inclined 45°; interpupillary distance adjustment range 53 through 72 mm; with a diopter adjustment helicoid on the left sleeve.		
Trinocular tube	Inclined 45°; interpupillary distance adjustment range 53 through 72 mm; with diopter adjustment helicoid on both sleeves.		
Light annulus slider	Provided with accommodation for 3 annuli, including one annulus for 10X (also used for 20X) objective and two annuli for 4X and 40X objectives; detachable.		
Objectives	For phase contrast	PC S Plan 4XPL PC D10XPL PC LWD CD 20XPL PC LWD CDPlan 40XPL	N.A. 0.13; W.D. 15.5 mm N.A. 0.25; W.D. 7.2 mm N.A. 0.40; W.D. 5.4 mm N.A. 0.60; W.D. 1.9 mm (correction collar)
	For bright field	D4X D10X LWD CD20X	N.A. 0.10; W.D. 18.2 mm N.A. 0.25; W.D. 7.2 mm N.A. 0.40; W.D. 5.4 mm
Dimensions	200 mm (W) x 340 mm (D) x 469 mm (H)		
Eyepoint height	Binocular tube: 342 mm (13.5 in.), Trinocular tube: 332 mm (13.3 in.)		
Weight	About 7 kg (15.4 lb.)		

## 2 STANDARD CONFIGURATIONS

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STANDARD CONFIGURATIONS

Component		Model		CK2-BIP		CK2-BIC		CK2-TRP		CK2-TRC	
				-1	-2	-1	-2	-1	-2	-1	-2
Microscope stand with fixed binocular tube, including CK2-ULWCD condenser	CK2BI-F			○	○	○	○				
Microscope stand, including CK2-ULWCD condenser	CK2TR-F							○	○	○	○
Trinocular tube	BH-TR45-W							○	○	○	○
Stage extension plates	CK2-SS			○ (2 pcs)	○ (2 pcs)	○	○	○ (2 pcs)	○ (2 pcs)	○	○
Attachable mechanical stage	CK2-MVR					○	○			○	○
Halogen lamp socket	LS20HM			○	○	○	○	○	○	○	○
Halogen bulbs (2 pcs)	6V20WHAL			○	○	○	○	○	○	○	○
Power cord	UYCP			○	○	○	○	○	○	○	○
Objectives	D4X			○		○		○		○	
	D10X			○		○		○		○	
	PCSP4n 4XPL				○		○		○		○
	PCD10XPL				○		○		○		○
	LWDCD20XPL				○		○		○		○
	LWDCD20X							○		○	
	LWDCDPlan40XPL								○		○
Phase slider*	CK2-SL				○		○		○		○
Phase annular ring for 40X objective	CK2-RS40								○		○
LB centering telescope	CT-5				○		○		○		○
LB eyepiece 10X (2 pcs.)	CWHK10X			○	○	○	○	○	○	○	○
LB photo eyepiece 5X	NFK5XLD							○	○	○	○
Filter set**	PM-FIL-7							○	○	○	○

Note: ○ indicates the compatible components for each model.

\*With annuli for 4X and 10/20X objectives. \*\*Incl. 45LBD2N & 43ND25-W45 filters.

### Optional Accessories

Attachable mechanical stage	IMT2-MVR
Objective	PC ULWDCD Plan 40XPL
Eyepieces	WHK10X & WHK15X

(For exclusive use with CK2-TRP/-TRC)

Photomicrographic system	PM-10
Magnification changer	BH2-CA
Drawing attachment	BH2-DA