



Clinical & Laboratory Microscopes

ECLIPSE 50i/55i

The ultimate in comfort that takes clinical microscopy to new heights



- New Ergonomic tube matches varying eye points
- Hard and smooth stage, with stay-in-position handle
- 55i's built-in LED illumination is best for brightfield, providing constant color temperature and long life
- Ergo-View, a retrofittable compact Cytodiagnostic Unit, enables one-click switching between 10X and 40X



Model 50i (left) and 55i with cytodiagnostics unit (right)

Specifications

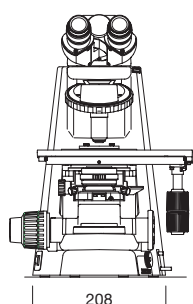
Model		50i	55i
Main body	Magnification	10-1500X	
	Optical system	CFI60 infinity optical system	
	Illumination	6V-30W halogen lamp, 100-240V (worldwide voltage)	White LED array, AC adapter (100-240V) or optional lithium battery 7.4V)
		Built-in ND8 Filter	Built-in LA60 Color balance filter
		Preset switch Built-in power supply	
	Focusing	Manual coaxial coarse/fine focusing Focusing stroke : 30mm Coarse : 13.8mm/rotation, Fine : 0.1mm/rotation Minimum reading : 1µm Refocusing function with stopper, Coarse motion torque adjustable	
Eyepiece Tube (Light distribution)		Y-TB Binocular Tube F.O.V. 22 Y-TF Trinocular Tube F UW F.O.V. 22/25mm (Eyepiece/Port : 100/0, 0/100) Y-TT Trinocular Tube T UW F.O.V. 22/25mm (Eyepiece/Port : 100/0, 20/80, 0/100) C-TE Ergonomic Binocular Tube F.O.V. 22mm inclination angle : 10-30 tube extension up to 40mm (*when C-TEP DSC port is attached: Eyepiece/Port 100/0, 50/50)	
Eyepiece Lens (F.O.V.)		10X (22mm), 10X M photomask (25mm), 12.5X (16mm), 15X (14.5), UW10X (25mm), UW 10X M photomask (25mm)	
Nosepiece		C-N Sextuple Nosepiece J-CY Cytodiagnostic Unit (Motorized changeover between 10X/40X with hand switch, stamp type marking) (Automatic intensity adjustment is available when used with 55i.)	
Stage		C-SR Rectangular Mechanical Stage Cross travel 78(X) x 54(Y) mm, with calibrations, Stay-in -position stage handle height and torque adjustable Super-hard Alumite coated surface, rackless C-HC1/HL2 Specimen Holders for 1 slide/2 slides	
Condenser		C-C Abbe, C-C Achromat, Achromat Swing-out 2-100X, C-C Achromat Swing-out 1-100X, C-C Low Power, C-C Achromat/Aplanat, LWD Achromat	
		C-C Phase Contrast, Darkfield (Dry/Oil)	—
Power Consumption (max.)		100-230V, 0.9A/48W	100-230V, 0.2A/6W
Weight (approx.)		13.8 kg (standard binocular set)	

MAIN ACCESSORIES

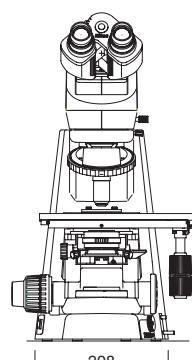
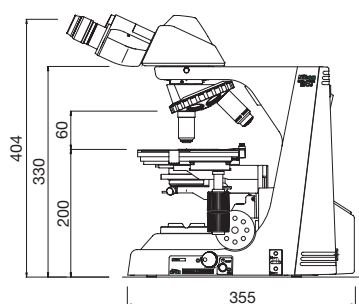
J-FL Epi-Fluorescence Attachment	4-position Filter Turret (switching between two positions only or locking mechanism available), Manual Epi-Shutter	
Digital Sight series Digital Camera	Various combination selectable from camera head DS-5M (standard) /5Mc(cooled) and Control Unit L1 (stand-alone)/U1(PC-use)	
Others	C-ER, Eyelevel Riser, Y-IDP Double Port, Y-IDT Drawing Tube, Y-IM Magnification Module, CCTV Adapters	
	Teaching heads, Simple Polarizing Set	—

Dimensional diagram

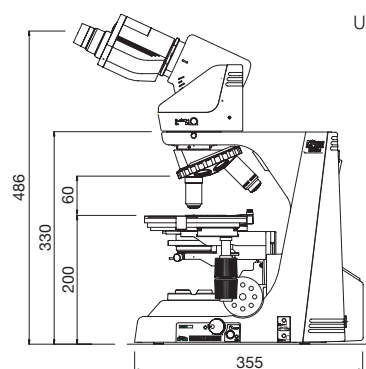
Unit: mm



Configured with Y-TB Binocular Tube



Configured with C-TE Ergonomic Binocular Tube



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