

# UPRIGHT INDUSTRIAL MICROSCOPES

## Nikon Eclipse LV100ND Upright Microscope



- Suitable for both reflected and transmitted light applications
- CFI infinity corrected optical design with 60mm parfocal length
- CFI TU Plan Fluor objectives feature high Numerical Aperture (NA), long working distances and an extended transmission wavelength range
- Variety of stages, illuminators, nosepieces and camera adapters are available

Nikon microscopes are available in the Americas and United Kingdom ONLY. Contact your local Buehler® Representative for products available in other regions.

Part Number	Configuration	Region*	
0789-50010 <mark>SA</mark> †	Nikon LV100ND-U upright microscope in BF / DF configuration with episcopic (reflected) and diascopic (transmitted) illumination capabilities. Includes illuminator, lamphouses, and 50W bulbs for episcopic and diascopic illumination, trinocular head with 10x eyepieces, manual XY stage, NCB11 and ND4 filters, 4-40x condenser, 5-position nosepiece with 5x, 10x, 20x, 50x CFI TU BD Epi Plan Fluor objectives.	1, 4	

\*Refer to regional maps in footer for product availability † Add "SA" to part numbers for ordering in South America

#### Accessories

0709-1509 100x CFI TU BD Epi Plan Fluor objective 0710-2125 C-mount adapter 0.55x, direct mount 0706-0150 LV-TV ISO adapter tube 0706-0176 C-mount ISO adapter 1x (requires 0706-0150) 0709-7073 C-mount ISO adapter 0.7x (requires 0706-0150)

#### Nikon Eclipse LV150N Upright Microscope



- CFI infinity corrected optical design with 60mm parfocal length
- Stand is designed to reduce electrostatic discharge (ESD) for sensitive applications
- CFI TU Plan Fluor objectives feature high Numerical Aperture (NA), long working distances and an extended transmission wavelength range
- New epi-illumination modules allow either the selection of brightfield, darkfield, simple polarizing and DIC or fluorescence
- Variety of stages, illuminators and nosepieces are available

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Part Number	Configuration	Region*	
0709-50010 <mark>SA</mark> †	Nikon LV150N upright microscope in BF / DF configuration with episcopic (reflected) illumination capability. Includes illuminator, lamphouses, and 50W bulb for illumination, trinocular head with 10x eyepieces, manual XY stage, 5-position nosepiece with 5x, 10x, 20x, 50x CFI TU BD Epi Plan Fluor objectives.	1, 4	

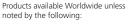
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Accessories

0712-0736SA<sup>+</sup> YM-PO rotatable polarizer 0709-1432SA<sup>+</sup> L-AN analyzer

*†* Add "SA" to part numbers for ordering in South America

0708-3918SA<sup> $\dagger$ </sup> L-DIHC high contrast Nomarski prism 0709-1509SA<sup> $\dagger$ </sup> 100x CFI TU BD Epi Plan Fluor objective











## VIDEO AND MICROSCOPE ACCESSORIES

### Accessories for all Upright Microscopes

0799-0124	Leveling Press Kit (includes Leveling Press, Plasticine Tray and 4 Metal Slides)	
0422-1000	Leveling Press	
190400 <sup>2, 3</sup>	Leveling Press	
1522-0300	Plasticine Clay	
1522-0100	Metal Slides	
190401 <sup>2, 3</sup>	Plasticine Clay, 1kg	
190402 <sup>2, 3</sup>	Protective Paper (Josef-Paper) for use with leveling press	(A)
190409 <sup>2, 3</sup>	Metal Slides, 75 x 25mm (qty 5)	

## Spare Bulbs for Microscopes & Illuminators

0718-0105 <mark>SA</mark> †	12V/50W bulb for Nikon Eclipse LV100ND, LV150N, LV150, LV100D & MA200
0707-6223 <mark>SA</mark> †	150W Quartz Halogen for FibrFlex Illuminator
0707-6342 <mark>SA</mark> †	6V/10W bulb for Nikon SMZ Stereo Halogen
	Illuminator
0708-4246 <mark>SA</mark> †	6V/30W Halogen Bulb for DigiMet <sup>™</sup> 2000,
	SMZ1000, SMZ1500 & MA100
0755-0210	6V/30W bulb for ViewMet™

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#### **Stage Micrometer**

1390-3002 Stage Micrometer, mm-Inch NIST Certified

### **C-Mount Adapters**

	C-mount adapter 0.55x, direct mount LV-TV ISO adapter tube
	C-mount ISO adapter 1x (normally requires 0706-0150)
0709-7073	C-mount ISO adapter 0.7x (normally requires 0706-0150)
0755-0200	C-mount Adapter for ViewMet™ Microscope
1390-0302	1x C-Mount direct projection adapter for Buehler
	MicroMet <sup>™</sup> 5100 series microindentation hardness testers
1390-0354	Nikon 1X C-Mount adapter and projection lens for Nikon
	Optiphot <sup>™</sup> and Epiphot <sup>™</sup> models
1390-0359	1x projection lens combination C-Mount adapter for
	Buehler MicroMet 2100 series microindentation hardness
	testers
1390-0369	Nikon 1X C-Mount adapter and projection lens for Nikon
	Eclipse <sup>™</sup> models

### Video Copy Stand & Macro Lense

85-4000-160 Standard Illuminated Video Copy Stand

85-4000-104 10-40mm zoom lens, F1.4 with C-mount (for megapixel cameras, ½in Chip and smaller)

IMAGING & ANALYSIS