



# 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*
0789-50010SA <sup>†</sup>	Nikon LV100ND-U upright microscope in BF / DF configuration with episcopic (reflected) and diasopic (transmitted) illumination capabilities. Includes illuminator, lamphouses, and 50W bulbs for episcopic and diasopic 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  
<sup>†</sup> 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*
0709-50010SA <sup>†</sup>	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

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

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### 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
- 190409 <sup>2,3</sup> Metal Slides, 75 x 25mm (qty 5)



### Spare Bulbs for Microscopes & Illuminators

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



<sup>†</sup> Add "SA" to part numbers for ordering in South America

### Stage Micrometer

- 1390-3002 Stage Micrometer, mm-Inch NIST Certified

### C-Mount Adapters

- 0710-2125 C-mount adapter 0.55x, direct mount
- 0706-0150 LV-TV ISO adapter tube
- 0706-0176 C-mount 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™ 5100 series microindentation hardness testers
- 1390-0354 Nikon 1X C-Mount adapter and projection lens for Nikon Optiphot™ and Epiphot™ 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™ models

### Video Copy Stand & Macro Lens

- 85-4000-160 Standard Illuminated Video Copy Stand
- 85-4000-104 10-40mm zoom lens, F1.4 with C-mount (for megapixel cameras, 1/2in Chip and smaller)

