



NATIONAL

National Optical & Scientific Instruments, Inc.
A Member of the Motic Group

167 Series

Compound Oil Immersion Microscopes

OPTICAL SYSTEM

- Widefield 10X/18mm eyepiece
- 30° inclined forward-facing head
- Choice of monocular, binocular, or trinocular head
- Video C-mount adapter included (169 models only)
- 4X, 10X, 40X, and 100X parfocalled and parcentered objectives
- Choice of semi-plan, super high contrast, plan, or phase objective lenses

FOCUSING & STAGE

- Coaxial coarse and fine focusing
 - Coarse has tension adjustment
 - Fine is graduated
- Large 140x135mm rackless mechanical stage
- 1.25 N.A. Abbe condenser with rack and pinion focusing

LED ILLUMINATION

- 3W LED Variable Illumination
- 110V-220V external auto-switching power supply
- CE certified

WARRANTY

- Limited Lifetime Warranty



168-ASC

167 Series

MODEL	HEAD	EYEPIECE	OBJECTIVES	STAGE	CONDENSER	ILLUMINATOR
167-SP	Monocular	W10XD, 18mm	4X, 10X, 40X , 100X Semi-Plan	Built-in Mech.	Abbe 1.25	Corded 3W LED
167-ASC	Monocular	W10XD, 18mm	4X, 10X, 40X, 100X Super High Contrast	Built-in Mech.	Abbe 1.25	Corded 3W LED
167-P	Monocular	W10XD, 18mm	4X, 10X, 40X, 100X Plan	Built-in Mech.	Abbe 1.25	Corded 3W LED
168-SP	Binocular	W10XD, 18mm	4X, 10X, 40X , 100X Semi-Plan	Built-in Mech.	Abbe 1.25	Corded 3W LED
168-ASC	Binocular	W10XD, 18mm	4X, 10X, 40X, 100X Super High Contrast	Built-in Mech.	Abbe 1.25	Corded 3W LED
168-P	Binocular	W10XD, 18mm	4X, 10X, 40X, 100X Plan	Built-in Mech.	Abbe 1.25	Corded 3W LED
168-PH	Binocular	W10XD, 18mm	10X, 20X, 40X, 100X Phase	Built-in Mech.	1.25 PH	Corded 3W LED
169-SP	Trinocular	W10XD, 18mm	4X, 10X, 40X , 100X Semi-Plan	Built-in Mech.	Abbe 1.25	Corded 3W LED
169-ASC	Trinocular	W10XD, 18mm	4X, 10X, 40X, 100X Super High Contrast	Built-in Mech.	Abbe 1.25	Corded 3W LED
169-P	Trinocular	W10XD, 18mm	4X, 10X, 40X, 100X Plan	Built-in Mech.	Abbe 1.25	Corded 3W LED
169-PH	Trinocular	W10XD, 18mm	10X, 20X, 40X, 100X Phase	Built-in Mech.	1.25 PH	Corded 3W LED

Superior in design and performance, the **167 Series** incorporates a wide range of features designed for university and laboratory use. Superb optical clarity and reliable mechanical engineering assure years of top performance. Choose between semi-plan, super high contrast, plan, and phase lenses.

Whether utilized in an educational, industrial, or clinical setting, the **167 Series** offers **unlimited possibilities**.



167-ASC



169-ASC