

# SWIFT OPTICAL INSTRUMENTS, INC.

Microscopes • Digital Imaging Products



"Quality Microscopes for a Lifetime"

## M6000 Series

### "Student-proof" Coaxial Microscopes

#### "Student-Proof" Features

- ◆ Locked-on eyepiece, spring-loaded stage clips, and illuminator housing assure parts remain on the microscope
- ◆ Plastic iris diaphragm shield prevents tampering and iris damage
- ◆ "Slip-clutch" focusing system prevents gear damage from over-focusing

#### Performance

- ◆ Models are offered with choice of Achromat or Semi-plan objectives
- ◆ 40XRD & 100XRD objectives are spring-loaded and sealed to protect optics from contact damage
- ◆ M6003CL models include a built-in mechanical stage with smooth-moving, low-drive, coaxial controls
- ◆ Iris diaphragm increases contrast for sharp, crisp image

#### LED Illumination

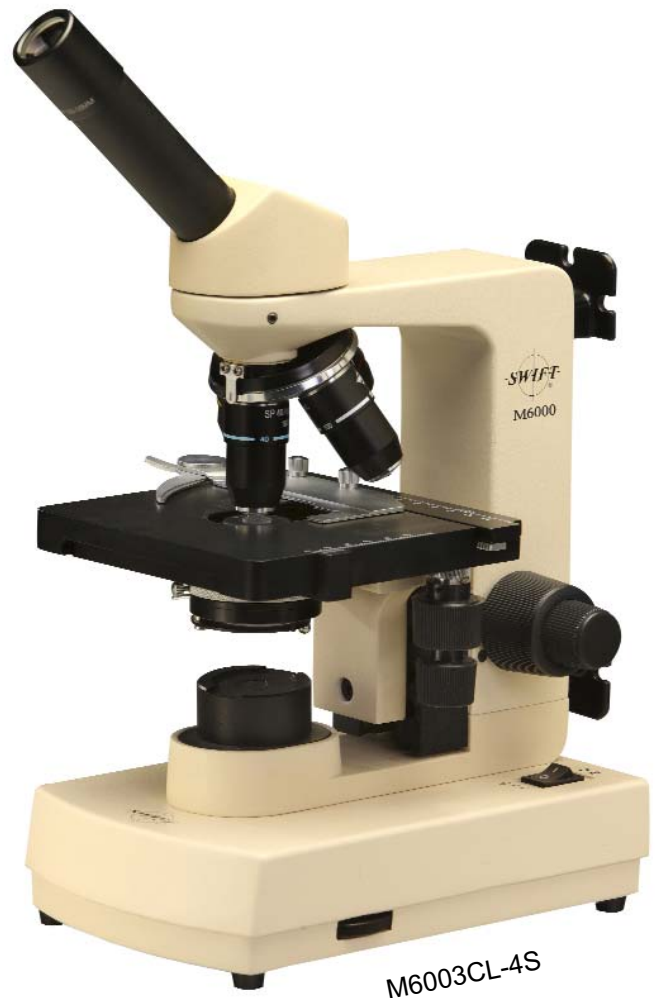
- ◆ Variable LED technology produces energy-efficient, white light, with virtually no heat
- ◆ Easy to replace LED lasts up to 50,000 hours for minimal downtime and maintenance costs

#### Built-in Digital Camera (DGL Models)

- ◆ 1.3 megapixel camera provides a 1280 x1024 live image
- ◆ Capture still images or video clips
- ◆ Compatible with PC and MAC via USB
- ◆ Includes calibration slides and Swiftcam II imaging software that can be used to edit, measure and annotate saved images

#### Quality

- ◆ Swift quality construction assures "trouble free" operation and minimal down time
- ◆ All-metal internal parts assure durability
- ◆ Synthetic lubricant ensures smooth operation and consistent viscosity at extreme temperatures
- ◆ Swift Optical Limited Lifetime Warranty covers defective parts and workmanship for the life of the instrument



# Swift M6000 Series

MODEL	HEAD	OBJECTIVES	EYEPIECE	STAGE	CONDENSER	ILLUMINATOR
M6001CL	Monocular	4XD, 10XD, 40XRD Achromat	W10XD, 18mm	Stage Clips	Abbe 0.65, Spiral	Corded, LED with Dimmer Switch
M6001CL-S	Monocular	4XD, 10XD, 40XRD Semi-plan	W10XD, 18mm	Stage Clips	Abbe 0.65, Spiral	Corded, LED with Dimmer Switch
M6003CL-4	Monocular	4XD, 10XD, 40XRD, 100XRD Achromat	W10XD, 18mm	Built-in Mechanical	Abbe 1.25, Spiral	Corded, LED with Dimmer Switch
M6003CL-4S	Monocular	4XD, 10XD, 40XRD, 100XRD Semi-plan	W10XD, 18mm	Built-in Mechanical	Abbe 1.25, Spiral	Corded, LED with Dimmer Switch
M6001CL-DGL	Digital Monocular	4XD, 10XD, 40XRD Achromat	W10XD, 18mm	Stage Clips	Abbe 0.65, Spiral	Corded, LED with Dimmer Switch
M6001CL-DGLS	Digital Monocular	4XD, 10XD, 40XRD Semi-plan	W10XD, 18mm	Stage Clips	Abbe 0.65, Spiral	Corded, LED with Dimmer Switch
M6003CL-4DGL	Digital Monocular	4XD, 10XD, 40XRD, 100XRD Achromat	W10XD, 18mm	Built-in Mechanical	Abbe 1.25, Spiral	Corded, LED with Dimmer Switch
M6003CL-4DGLS	Digital Monocular	4XD, 10XD, 40XRD, 100XRD Semi-plan	W10XD, 18mm	Built-in Mechanical	Abbe 1.25, Spiral	Corded, LED with Dimmer Switch

## Accessories for Swift M6000 Series

### EYEPIECES

MA10511S W10XD, 18mm with pointer  
 MA10512 W10XD, 18mm  
 MA10513 W10XD, 18mm with pointmaster

MA10083 40XRD semi-plan  
 MA10084 100XRD semi-plan

### OBJECTIVES

MA10071 4XD achromat  
 MA10072 10XD achromat  
 MA10073S 40XRD achromat  
 MA10074 100XRD achromat  
 MA10081 4XD semi-plan  
 MA10082 10XD semi-plan

### SLIDE HOLDER

MA268 Stage Clips  
 MA12005 High-drive mechanical stage  
 MA12006 Low-drive mechanical stage

### MISC.

MA533 Dust cover  
 MA12026 Anodized aluminum carrying case  
 MA2215 3.4V LED

**Modern Finish:** Unless otherwise indicated, all instruments are finished in acid and reagent resistant, Swift epoxy-ester resin.

**Limited Lifetime Warranty:** The Swift Optical Instruments, Inc. Limited Lifetime Warranty assures that the microscope is guaranteed against defects in material and workmanship for the life of the product. Electrical components are covered for three years; camera and video components are covered one year after purchase. Normal wear, routine maintenance, light bulbs or damage resulting from repair by unauthorized parties, accident, alteration, shipping, misuse or abuse is not covered. Warranty service is provided by Swift Optical Instruments, Inc. authorized technicians. Determination of warranty is at the technician's discretion.

Other than set forth above, Swift hereby disclaims all warranties, expressed or implied, of fitness for a particular purpose.

**Service:** Swift Optical maintains a highly-skilled and specially-trained team of technicians who are available to make any needed repairs or adjustments.

**Design Changes:** Swift Optical reserves the right to make changes in instrument design, in accordance with scientific and mechanical progress, without notice or obligation.



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Enduring Quality and Technical Excellence