

# SWIFT OPTICAL INSTRUMENTS, INC.

Microscopes • Digital Imaging Products



"Quality Microscopes for a Lifetime"

## SM90 Series

### Advanced Modular Stereo Microscope

#### Versatility

- ◆ Three different heads with varying magnification to choose
- ◆ Modular heads and stands are fully interchangeable
- ◆ Dual illumination switches allow for 3 light settings
- ◆ Optional 15X eyepieces allow for a wider range of magnification
- ◆ Reversible black & white and frosted stage plates are included

#### "Student-Proof" Features

- ◆ Locked-on eyepieces ensure parts remain on the microscope
- ◆ "Slip-clutch" system prevents users from damaging the focusing mechanism
- ◆ Unique "C-wrench" gives teacher sole control over focus tension
- ◆ Cord-hanger allows for safe and hassle-free cord storage

#### Ease of Use

- ◆ Eyetubes can be adjusted to each user's interpupillary distance
- ◆ Extra-wide, locked-on, 10XD eyepieces incline at 45° for ergonomic viewing
- ◆ Left-eye diopter adjustment allows for increased focus acuity
- ◆ Eye-guards promote comfortable viewing for eyeglass wearers
- ◆ Smooth-moving turret allows for easy magnification changes
- ◆ 360° rotatable head facilitates shared viewing between two students
- ◆ Cord-hanger allows for safe and hassle-free cord storage
- ◆ Extra large, 90mm diameter stage area allows ample room for specimen manipulation

#### Illumination

- ◆ Top light adjusts for optimal lighting angles
- ◆ Variable transbase illumination allows user to control brightness
- ◆ LED illumination provides bright, white light with virtually no heat
- ◆ Easy-to-replace LED illumination is energy-efficient and rarely requires bulb replacement

#### Quality

- ◆ The Swift brand assures quality manufacturing with proven durability
- ◆ Swift Optical Limited Lifetime Warranty covers defective parts and workmanship for the life of the instrument
- ◆ Synthetic gear lubricant ensures smooth operation of all gears over a wide range of temperatures



# SM90 Series Stereo Microscope

MODEL	EYEPIECES	OBJECTIVES	INCIDENT LIGHT	TRANSBASE LIGHT
SM91-SM90CL	W10X, 23mm	1X and 2X	3W LED with Dimmer Switch	3W LED
SM95-SM90CL	W10X, 23mm	1X and 3X	3W LED with Dimmer Switch	3W LED
SM98-SM90CL	W10X, 23mm	2X and 4X	3W LED with Dimmer Switch	3W LED



Adjustable light path assures optimal lighting of specimen



Extra large stage allows ample room for viewing specimen



Smooth-moving turret allows for easy magnification change

## Accessories for SM90 Series

### EYEPIECE

MA10592 W10X DIN, 23mm (Pair)

MA10593 W15X DIN, 23mm (single)

### CARRYING CASE

MA12026 Anodized aluminum

**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 for 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.

**SWIFT OPTICAL INSTRUMENTS, INC.**

Customer Service: 877.967.9438

[www.swiftoptical.com](http://www.swiftoptical.com)

