



# SM90 Series

## Advanced Modular Stereo Microscope

### Versatility

- ◆ Three different heads with varying magnification to choose
- ◆ Modular heads and stands are fully interchangeable
- ◆ Choose between a halogen/fluorescent or LED stand
- ◆ 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

### Light Source

- ◆ Top light adjusts for optimal lighting angles
- ◆ Variable transbase illumination allows user to control brightness
- ◆ Fluorescent Ultra Lite® and LED illumination provide cool, bright, white light
- ◆ Virtually no heat is transmitted as compared to a standard tungsten bulb
- ◆ Easy-to-replace Fluorescent and 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 |
|-----------|------------|------------|-----------------|-----------------|
| SM91-90HF | W10X, 23mm | 1X and 2X  | 6V, 20W Halogen | 5W Fluorescent  |
| SM95-90HF | W10X, 23mm | 1X and 3X  | 6V, 20W Halogen | 5W Fluorescent  |
| SM98-90HF | W10X, 23mm | 2X and 4X  | 6V, 20W Halogen | 5W Fluorescent  |
| SM91-90CL | W10X, 23mm | 1X and 2X  | 3W LED          | 0.6W LED        |
| SM95-90CL | W10X, 23mm | 1X and 3X  | 3W LED          | 0.6W LED        |
| SM98-90CL | W10X, 23mm | 2X and 4X  | 3W LED          | 0.6W 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 SM90HF Series

### EYEPIECE

MA10593 W15X DIN, 23mm (single)

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

**Limited Lifetime Warranty:** Subject to normal use. The Swift Optical Limited Lifetime Warranty assures that every microscope is guaranteed against defects in material and workmanship for the life of the product. Damage resulting from repair by unauthorized parties or **damage due to accident, alteration, misuse or abuse is not covered.** Warranty service is provided by Swift Optical Authorized Technicians; determination of warranty is at the technician's discretion. Defective products covered by the warranty will be repaired free of charge when they are returned, postpaid, to Swift Optical Headquarters. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Limited to USA.

**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.



www.Swift-MicroscopeWorld.com  
800-942-0528 Toll Free  
760-438-0528 International  
info@swift-microscopeworld.com

**SWIFT OPTICAL INSTRUMENTS, INC.**

Customer Service: 877.967.9438  
Sales: 800.523.4544  
www.swiftoptical.com

