



M5 Series

Advanced Binocular Microscopes

Precision

- ◆ Siedentopf Head provides larger interpupillary range and is ergonomically positioned for operator comfort
- ◆ Focus-tension control knob offers “feather-touch” sensitivity for extremely precise focusing
- ◆ High-grade synthetic lubricants provide a smooth, precise operation

Ease of Use

- ◆ Heads are inclined at 45° and rotatable for ergonomic viewing
- ◆ 20mm eyepieces for increased field of view
- ◆ Inward-facing (reversed) nosepiece allows user clear access to stage for slide manipulation
- ◆ 40XRD & 100XRD objectives are spring-loaded and sealed to protect optics from contact or oil damage
- ◆ Patented Quodmaster® condenser lets user dial in to brightfield, darkfield or phase contrast with just a click
- ◆ Quodmaster optical specifications are preset & labeled
- ◆ Halogen illumination with variable intensity control provides optimal light
- ◆ Abbe 1.25 NA brightfield condenser and Quodmaster® Phase Contrast condenser; both are optically coated for maximum light transmission and enhanced contrast
- ◆ Swing-out filter carrier accommodates various diffusing filters

Modular Versatility

- ◆ Available with a Binocular or a Trinocular head
- ◆ DIN Semi-Plan, Plan and Phase Contrast objectives are available to satisfy a wide range of users
- ◆ Specialized 20X and 50X objectives available for various disciplines

Quality

- ◆ Swift quality construction assures “trouble free” operation and minimal down time
- ◆ Anti-mold head
- ◆ All-metal internal parts for durability
- ◆ Swift Optical Limited Lifetime Warranty covers defective parts and workmanship for the life of the instrument



M5 Series

	HEAD	EYEPIECE	OBJECTIVE	CONDENSER	ILLUMINATOR
M5S	Binocular Siedentopf	W10XD, 20mm	4XD, 10XD, 40XRD, 100XRD Semi-plan	Abbe 1.25 DIN Rack & Pinion	Built-in 12V, 20W Halogen w/ Dimmer Switch
M5P	Binocular Siedentopf	W10XD, 20mm	4XD, 10XD, 40XRD, 100XRD Plan	Abbe 1.25 DIN Rack & Pinion	Built-in 12V, 20W Halogen w/ Dimmer Switch
M5MP	Binocular Siedentopf	W10XD, 20mm	4XD Plan, 10XD, 40XRD, 100XRD Phase, Plan	Abbe 1.25 DIN Rack & Pinion	Built-in 12V, 20W Halogen w/ Dimmer Switch

To best serve the individual needs of our customers, Swift Optical offers custom configurations for the Swift M5 Series. For a fully-customized microscope, choose one microscope body, ocular head, eyepieces and objective kit from below. For M5-5 orders, include one 20XD or 50XD objective.

MICROSCOPE BODY

MICROSCOPE BODY	CONDENSER	ILLUMINATOR
M5-4 Microscope Body with 4-hole Nosepiece	Abbe 1.25 DIN Rack & Pinion	Built-in 6V, 20W Halogen w/ Dimmer Switch
M5-5 Microscope Body with 5-hole Nosepiece	Abbe 1.25 DIN Rack & Pinion	Built-in 6V, 20W Halogen w/ Dimmer Switch

OCULAR HEAD SELECTION

MA11006S	Binocular Siedentopf Head
MA11008S	Trinocular Siedentopf Head w/ W10XD, 18mm Eyepiece

EYEPIECES

MA10500S	W10XD, 20mm Eyepiece (single)
MA10501S	W10XD, 20mm Eyepiece w/ Scale (single)
MA10506S	W10XD, 20mm Eyepieces w/ Pointer (single)

OBJECTIVE KIT

MA10080	4XD, 10XD, 40XRD, 100XRD Semi-Plan Objectives
MA10030	4XD, 10XD, 40XRD, 100XRD Plan Objectives
MA10050	4XD, 10XD Phase, 40XRD Phase, 100XRD Phase Plan Objectives w/ Quodmaster® Abbe 1.25 Condenser

SINGLE OBJECTIVES FOR M5-5 only

MA10025	20XD Semi-Plan Objective
MA10035	20XD Plan Objective
MA10036	50XD Oil Plan Objective

Accessories for M5 Series

OBJECTIVES

MA10025	20XD Semi-Plan Objective
MA10035	20XD Plan Objective
MA10036	50XD Plan Objective

EYEPIECES

MA10500S	W10XD, 20mm
MA10501S	W10XD, 20mm w/ Scale
MA10506S	W10XD, 20mm w/ Pointer

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

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 5 years; video and camera components are covered for 1 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.'s 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.



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