

Motic®

MORE THAN MICROSCOPY



SH KOLLEG
SERIES



SH KOLLEG SERIES

Biological Microscope Series

The Motic SH Kolleg Series is a full range of biological microscopes with DIN standard Achromatic objectives which provides clear and sharp images. The sturdy base and the ergonomic position of the coaxial focusing knobs, makes it an ideal microscope for students, teachers and hobbyists.



SH

GODIGITAL



MOTIC QUALITY

Warranty

The Brand name **Motic** assures that you are purchasing a quality instrument that has been thoroughly inspected and adjusted by our trained staff of technicians, and backed by the company's dedication to your complete satisfaction. Our 5 year Limited Warranty is supported by a complete parts inventory that assures availability beyond the 5 years warranty period. **Motic** is aware that the selection of a microscope, be it a simple instrument or a sophisticated model, requires careful consideration of several factors beyond the price.

So, after determining that **Motic** offers some of the most competitive pricing in the market, keep in mind our commitment to quality and service. It is an investment that will start paying off immediately with the selection of the **Motic** brand.

MOTIC warrants all microscopes to be free from defects in material and workmanship under normal use and service for 5 years from date of purchase. For electrical and electronic parts 2 years from date of purchase. It does not cover damage resulting from abuse or misuse, repairs or alterations performed by others than authorized repair technicians of MOTIC or damage occurring in transit. Any modification, even only parts of the instrument or Serial No, will automatically cancel this warranty. Warranty does not cover bulbs and fuses.



SH3430

The SH3430 has a 12V/10W Halogen illumination system with intensity control, allowing you to adjust the brightness per objective and obtain the maximum information from the sample. In addition, there is a darkfield attachment included with the microscope which extends the possibilities tremendously.



- 45° Inclined Monocular head for easy viewing while seated, rotates 360°.
- Widefield 10X/18mm Eyepiece
- Revolving quadruple nosepiece, with positive click-stops for easy and precise magnification changes.
- Achromatic objectives: DIN standard 4X/0.10, 10X/0.25 and 40X/0.65-Spring. All objectives are parcentered, parfocal and colour-coded.
- Coaxial course and fine focusing adjustment. Safety rack-stop prevents damage to specimen slides and objective lenses.
- Large 120mm x 120mm stage with locked-on, spring activated stage clips.
- Spiral mounted 1.25 N.A. Abbe Condenser with iris diaphragm, filter holder and darkfield attachment.
- 12V/10W Halogen illumination with light intensity adjustment.

SH3434

Besides the monocular SH3430, Motic has manufactured the binocular version called SH3434. When working for an extensive period of time with a microscope or simply if you want to look through it with both eyes, the binocular version of the SH model is the right choice for you.



- 45° Inclined Binocular head for easy viewing while seated, rotates 360°.
- Widefield 10X/18mm Eyepieces
- Revolving quadruple nosepiece, with positive click-stops for easy and precise magnification changes.
- Achromatic objectives: DIN standard 4X/0.10, 10X/0.25 and 40X/0.65-Spring. All objectives are parcentered, parfocal and colour-coded.
- Coaxial course and fine focusing adjustment. Safety rack-stop prevents damage to specimen slides and objective lenses.
- Large 120mm x 120mm stage with mechanical stage.
- Spiral mounted 1.25 N.A. Abbe Condenser with iris diaphragm, filter holder and darkfield attachment.
- 12V/10W Halogen illumination with light intensity adjustment.

SH3431 LED

This model has a LED illumination system, providing a bright and white illumination. If you are planning a field trip or do not have access to electrical outlets in your classroom, the rechargeable batteries allow you to work with the microscope up to 40 hours.



- 45° Inclined Monocular head for easy viewing while seated, rotates 360°.
- Widefield 10X/18mm Eyepiece
- Revolving quadruple nosepiece, with positive click-stops for easy and precise magnification changes.
- Achromatic objectives: DIN standard 4X/0.10, 10X/0.25 and 40X/0.65-Spring. All objectives are parcentered, parfocal and colour-coded.
- Coaxial coarse and fine focusing adjustment. Safety rack-stop prevents damage to specimen slides and objective lenses.
- Large 120mm x 120mm stage with locked-on, spring activated stage clips.
- Spiral mounted 1.25 N.A. Abbe Condenser with iris diaphragm.
- Rechargeable LED illumination with light intensity adjustment.

Accessories

Eyepieces (per piece)

Huygens eyepiece H5X / 14.5 mm
Widefield eyepiece WF10X / 18 mm
Widefield eyepiece WF15X / 12 mm
Huygens eyepiece H15X / 8 mm
Widefield eyepiece WF20X / 11 mm

Micrometer eyepieces (per piece)

Micrometer eyepiece WF10X / 18mm, 100 divisions in 10mm.
Reticle 19mm (for 18mm eyepiece), 100 divisions in 10mm.
Reticle holder

Achromatic Objectives

Achromatic objective 4X / 0.10
Achromatic objective 10X / 0.25
Achromatic objective 20X / 0.40
Achromatic objective 40X / 0.65 / S
Achromatic objective 60X / 0.85 / S
Achromatic objective 100X / 1.25 / S-oil

Spare parts

Mechanical stage MSH-009
Polarizing equipment B.201
Blue filter
Dust cover (size B)
Aluminium box
Immersion oil 5ml

Spare bulbs

Halogen bulb 12V / 10W
LED 20mA, 3.5 V, 70 mW





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Motic®

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Design Change :

The manufacturer reserves the right to make changes in instrument design in accordance with scientific and mechanical progress, without notice and without obligation.



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