Trinocular Biological Microscope - Siedentopf Head with Camera Port - 40X to 1000X

Model **MSMSC-B208TSWISS** | Brand **Master Science**





The Master Science Trinocular Biological Microscope adds a third port to the Siedentopf viewing head, so a microscope camera, tablet or digital display can be fitted while you keep viewing through both eyepieces. It suits teaching, documentation and routine laboratory imaging.

KEY HIGHLIGHTS

- View and record at once
- Share images with a class
- Comfortable for long sessions
- Low heat, long life light
- Upgradeable optics

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
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Scan to view online

Overview

The head is inclined at 30° with interpupillary adjustment from 55 to 75 mm. Achromatic objectives from 4X to 100X and WF10X eyepieces give 40X to 1000X magnification under adjustable 3 W LED light.

Specifications of the Master Science Trinocular Biological Microscope (standard configuration; * marks options):

Key Benefits

View and record at once
the Master Science Trinocular Biological Microscope has a dedicated camera port.

Share images with a class
optional display or tablet.

Comfortable for long sessions
30° Siedentopf head.

Low heat, long life light
3 W LED.

Upgradeable optics
phase contrast, dark field and plan objectives.

For viewing without a camera, see the Master Science binocular biological microscope.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSMSC-B208TSWISS
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Viewing Head	Siedentopf trinocular, inclined 30°, interpupillary 55 to 75 mm
Eyepieces	WF10X/18 mm (*WF10X/20 mm)
Objectives	Achromatic 4X, 10X, 40X, 100X (*20X; *plan achromatic, plan phase or infinity plan achromatic)
Nosepiece	Quadruple (*quintuple)
Stage	Double-layer mechanical stage 140 × 135 mm, travel 75 × 50 mm (*heating module)
Condenser	Abbe NA1.25 with iris diaphragm and filter
Focusing	Coaxial coarse and fine; fine division 0.002 mm; range 22 mm
Illumination	3 W LED, adjustable (*6 V 20 W halogen)
Imaging (optional)	Microscope camera with imaging software, Windows tablet or digital display
Power Supply	100 to 240 V AC, 50/60 Hz

OPTICAL PERFORMANCE

Optical System	Finite (*infinity optical system)
Optical Coating	Transmittance ≥ 95 %
Heat from halogen lamps	LED illumination.

DIMENSIONS & WEIGHT

Package Dimensions	370 × 260 × 490 mm
Gross Weight	7 kg

COMMON LABORATORY PROBLEMS AND HOW THIS MICROSCOPE HELPS

Common Laboratory Problems and How This Microscope Helps	How the Master Science Trinocular Biological Microscope supports imaging work:
No way to capture what you see	camera port on the head.
Students queuing at one eyepiece	image on a display.
Eye fatigue	binocular viewing at 30°.

Applications

The Master Science Trinocular Biological Microscope is used for: Teaching with live image display Documenting slides with a camera Medical and clinical laboratories Biological research Phase contrast and dark field work (with options)

Optics

- Siedentopf trinocular head
- WF10X eyepieces
- Achromatic 4X to 100X objectives

Imaging

- Third port for camera
- Optional imaging software
- Optional tablet or digital display

Mechanics and Light

- 140 × 135 mm mechanical stage
- Coaxial coarse and fine focus
- 3 W LED with Abbe NA1.25 condenser

Optional Accessories

- Microscope camera with imaging software
- Windows tablet or digital display
- Turret phase contrast kit
- Dark field attachment
- 360° rotatable head
- Plan achromatic or infinity objectives
- Stage heating module