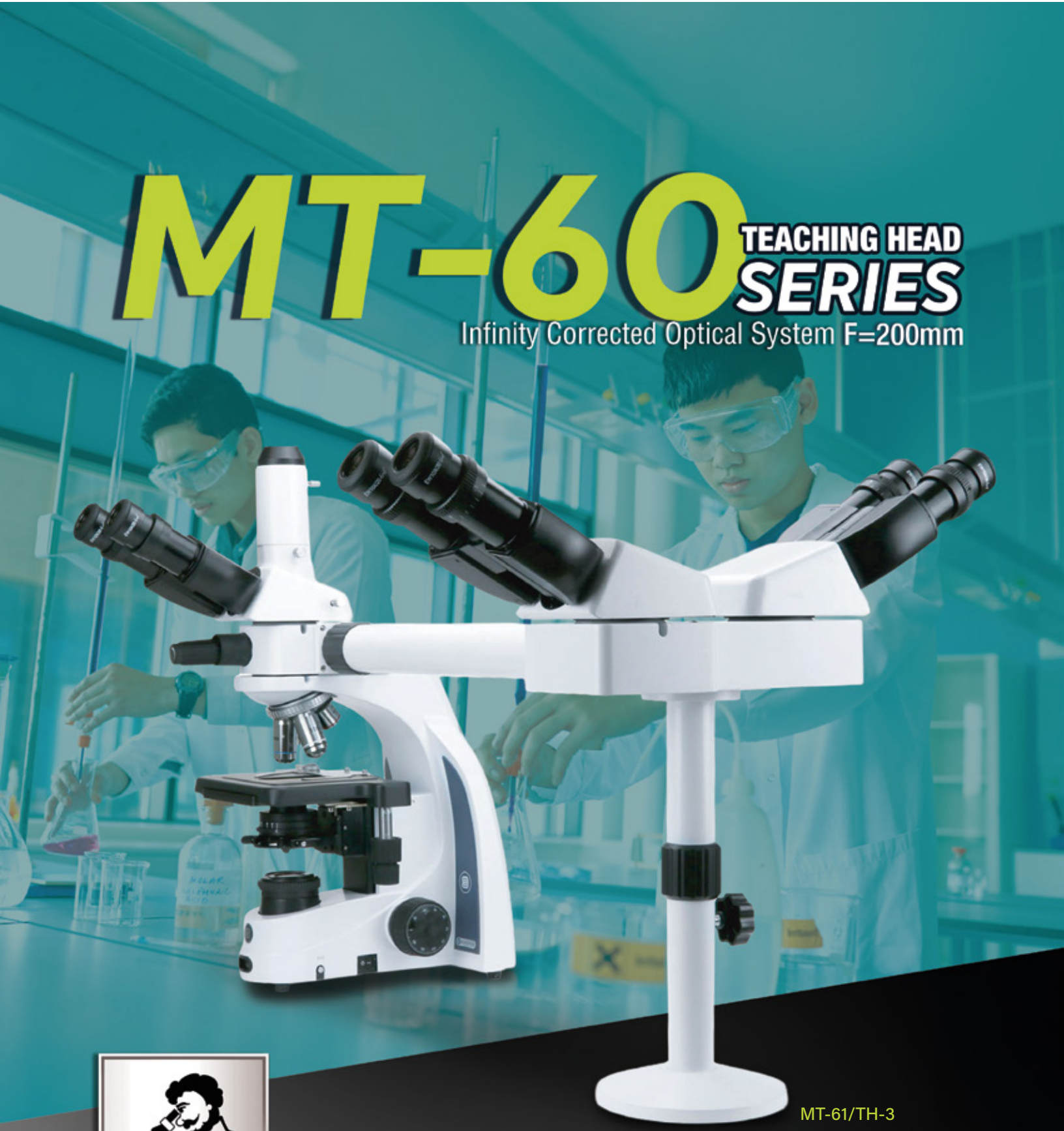
MT-60 TEACHING HEAD SERIES

Infinity Corrected Optical System F=200mm



MT-61/TH-3

MEIJITECHNO

ALLOWS SIMULTANEOUS OBSERVATION OF SPECIMENS AND 2 COLOR LASER POINTS

TEACHING HEAD LABORATORY BRIGHTFIELD BIOLOGICAL COMPOUND MICROSCOPES

MT-60/TH SERIES

MEIJI TECHNO

TEACHING HEAD LABORATORY MICROSCOPES

UPRIGHT BRIGHTFIELD BIOLOGICAL COMPOUND SYSTEMS

INTRODUCING THE NEW MT-60/TH & MT-61/TH TEACHING HEAD SERIES LABORATORY BRIGHTFIELD BIOLOGICAL UPRIGHT COMPOUND MICROSCOPES

The MT-60 and MT-61 Series Teaching Head Microscopes are designed to allow simultaneous observation for multiple users, making them ideal for educational and training environments.

THESE MODELS FEATURE SEVERAL TEACHING HEAD CONFIGURATIONS:

2-User Systems in either side-by-side (2SS) or back-to-back (2BB) orientations.
3-User, 5-User, and 9-User Systems with bridges that connect multiple binocular viewing heads for group instruction.

MT-61/TH-9

EQUIPPED WITH TEACHING HEAD BRIDGES

BINOCULAR & TRINOCULAR TEACHING HEAD LABORATORY BRIGHTFIELD BIOLOGICAL COMPOUND MICROSCOPES ALLOWING SIMULTANEOUS OBSERVATION OF SPECIMENS AND 2 COLOR LASER POINTS

MODEL	USERS	BOBY/EYEPIECES	ILLUMINATOR	OBJECTIVES	STAGE	CONDENSER
MT-60/TH-2SS	2 side-to-side	Binocular PAIRED HWF 10X//20MM F.O.V. 23.2MM WITH DIOPTER ADJUSTMENT	AUTO-OFF FRONT SENSOR SYSTEM 3W KOHLER ILLUMINATION WITH INTERNAL POWER SUPPLY/CHARGER AUTO VOLTAGE SENSING POWER SUPPLY 85V - 240V	ANTI-FUNGUS TREATED INFINITY CORRECTED PLAN ACHROMAT 4X 10X 40X 100X OIL TUBE LENGTH = 200MM	228.6MM X 140MM RACKLESS STAGE EQUIPPED WITH INTEGRATED 79MM X 52MM MECHANICAL STAGE LOCKED-ON SPRING LOADED STAGE CLAMP(PAIRED)	ABBE CONDENSER N.A. 1.25 WITH SLIDER HOUSING FOR SLIDERS AND PINION FOR VERTICAL MOVEMENT BUILT-IN FIELD IRIS DIAPHRAGM WITH 45MM FILTER HOLDER
MT-60/TH-2BB	2 back-to-back					
MT-60/TH-3	3 side-to-side					
MT-60/TH-5	5 side-to-side					
MT-60/TH-9	9 side-to-side					
MT-61/TH-2SS	2 side-to-side	Trinocular PAIRED HWF 10X//20MM F.O.V. 23.2MM WITH DIOPTER ADJUSTMENT				
MT-61/TH-2BB	2 back-to-back					
MT-61/TH-3	3 side-to-side					
MT-61/TH-5	5 side-to-side					
MT-61/TH-9	9 side-to-side					

for **LABORATORY**
STUDENTS & PROFESSIONALS

LABORATORY
EDUCATIONAL LEVEL
MICROSCOPES

RUGGED, CAST METAL FRAME
(WITH CLEMICAL RESINTANT FINISH)

VIEWING HEADS
360° rotatable binocular 30° inclined tube trinocular Viewing Head 30° inclined

ATTACHABLE
DIGITAL CAMERA
23.2mm PHOTO PORT

EYEPIECES
Paired HWF 10X//20mm F.O.V. 30.0mm with diopter adjustment

OPTICAL PARTS
ARE ***ANTI-FUNGUS TREATED***
FOR HUMID AND TROPICAL CLIMATES

BEAM SPLITTER
securely holds the fragile filters in place within the microscope's optical path.

Reverse facing nosepiece with Infinity Corrected Plan Achromat 4X, 10X, 40X, 100X oil N.A. 1.25, W.D. 0.19mm, 180mm tube length
OBJECTIVES

CABLE
STORAGE SYSTEM
EASY CARRYING GRIP
ASSEMBLY
WITH TRIANGULAR
COMPACT SPACE
FOOTPRINT DESIGN

149mm x 138mm Mechanical stage with X – Y movement of 76mm x 50mm. With locked-on specimen holder stage clamp
STAGE

MECHANICAL DROPDOWN
Ergonomic X-Y right handed dropdown coaxial control

Abbe condenser, N.A. 1.25 with Iris diaphragm and lever for height adjustability
CONDENSER

Built-in 3W intensity adjustable LED illuminator provides constant, reliable, pre-focused illumination. Power supply, 100V – 240V with 45mm Filter Holder
ILLUMINATION

FOCUSING ADJUSTMENT
Coaxial coarse and 200 μm fine adjustments, 2 μm precision, Friction adjustment. "Slip-clutch" system protects against over-focusing

MT-61

LIGHT SWITCH
Main power control for the light source.ON and OFF

IDEAL FOR *LABORATORY LEVEL*
UNIVERSITY
MICROSCOPES FOR EDUCATIONAL APPLICATIONS

SENSOR ILLUMINATION
Save energy by Automatically switching off shortly after microscopists step away from their position.

HDMI-USB 2.0 CAMERAS WITH 11.8" MONITOR

Requires C - Mount Adapter on trinocular model MT-61

HD1000-LITE-M	Affordable Color HD 5MP CMOS 15FPS/ HDMI/ USB 2.0 Camera/Annotation & Measurement Software with 11.8IN HDMI monitor.
HD1500T-M	Color HD 6MP CMOS 60FPS/ HDMI/ USB 2.0 Camera/Annotation & Metric Measurement Software with 11.8IN HDMI monitor.
HD1500MET-M	Color HD 6MP CMOS 60FPS/ HDMI/ USB 2.0 Camera/Annotation & Metric Measurement Software with 11.8IN HDMI monitor.
HD1500MET-AF-M	Autofocus HD 6MP CMOS 60FPS/ HDMI/ USB 2.0 Camera/Annotation & Metric Measurement Software with 11.8IN HDMI monitor.

HD1500MET-M

AVAILABLE C-MOUNT ADAPTERS FOR MT-60 SERIES

MA151/MT61/03	C-mount adapter with 0.35X lens for MT-61
MA151/MT61/04	C-mount adapter with 0.45X lens for MT-61
MA151/MT61/15	C-mount adapter with 1.0X lens for MT-61

ATTACHABLE **DIGITAL** CAMERA **SYSTEM**

For more information about the MT-60 Series, scan this QR code.

Specifications and design subject to change without notice for improvements

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