

MT-30

ENTRY LEVEL / EDUCATIONAL
SERIES

Finite Optical System = 160mm Tube Length



MT-30



BRIGHTFIELD UPRIGHT BIOLOGICAL COMPOUND MICROSCOPES

MT-30



ENTRY LEVEL/EDUCATIONAL

SERIES

Designed to provide exceptional optical performance, durability, and user comfort

MEIJI TECHNO BRIGHTFIELD UPRIGHT BIOLOGICAL COMPOUND MICROSCOPES

THE MEIJI TECHNO MT-30 SERIES EDUCATIONAL MICROSCOPES ARE DESIGNED TO PROVIDE EXCEPTIONAL OPTICAL PERFORMANCE, DURABILITY, AND USER COMFORT FOR STUDENTS AND EDUCATORS ALIKE.

The MT-30 Series Biological Compound Binocular Microscopes represent Meiji Techno's best choice for advanced students seeking a durable, high-quality, and portable instrument at an affordable price. This series establishes a new optical standard with precision-engineered optics and ergonomic design, ideal for classroom and laboratory environments. Equipped with rechargeable batteries and a cordless feature, the MT-30 Series ensures flexible operation without the need for an external power source. Built to endure daily academic use, its rugged cast aluminum base provides exceptional stability while maintaining a compact form that fits easily into storage cabinets. The reverse-positioned revolving nosepiece allows for convenient slide manipulation and protects the objective lenses from damage. Additionally, the LED illumination system with adjustable intensity delivers uniform, bright lighting without generating heat—preserving sample integrity and preventing rapid evaporation of alcohol-based solutions.



5MP 1/2 CHIP
CMOS USB 2.0
INTEGRATED
DIGITAL CAMERA

MT-31 *Advanced*

BUILT IN WITH USB 2.0 DIGITAL CAMERA
Student Level Compound Brightfield Biological LED Microscope

The Meiji Techno MT-31 Educational Binocular Compound Microscope combines precision, durability, and ease of use in one compact design. Its ergonomic hand grip ensures effortless portability and convenient storage, while magnifications of 40x, 100x, 400x, and 1000x—paired with an integrated digital camera, the MT-31 comes with a built in 5MP 1/2 chip CMOS USB 2.0 that you can easily connect to your PC.—make it perfect for biological studies in K-12, middle, and high school laboratories. The built-in mechanical stage (130mm x 130mm) with dual slide clamps allows smooth, accurate specimen control. Designed to withstand years of classroom use, the MT-31 delivers consistent performance and professional-grade clarity for today's advanced students. MT-31 ImageFocus 4 capture & analysis software is supplied with each digital microscope model. The software is compatible with Windows XP, Vista, Windows 7 & 8, both 32 and 64 bit platforms.

MT-31



ENTRY LEVEL/EDUCATIONAL BINOCULAR BRIGHTFIELD BIOLOGICAL COMPOUND MICROSCOPES

MODEL	BODY	ILLUMINATOR	EYEPIECES	OBJECTIVES	STAGE	CONDENSER
MT-30	Binocular	1W INTENSITY ADJUSTABLE LED ILLUMINATION WITH INTERNAL POWER SUPPLY/CHARGER	PAIRED SECURED DIN WF 10X/18MM ONE WITH POINTER	FINITE OPTICAL SYSTEM = 160mm	130MM X 130MM PLAIN STAGE WITH LOCKED-ON SPRING SPECIMEN HOLDER	ABBE CONDENSER N.A. 1.25 WITH IRIS DIAPHRAGM AND LEVER FOR HEIGHT ADJUSTABILITY
MT-31	Binocular (Digital Microscope)	AUTO VOLTAGE SENSING POWER SUPPLY 100V - 240V	NON-INFINITY	ACHROMAT 4X, 10X, 40X & 100X		



for **STUDENTS
AND EDUCATORS**



DESIGN EXCLUSIVELY
FOR **EDUCATIONAL**
PRACTICES



Binocular Viewing Head
with 48mm to 75mm
Interpupillary distance, 30°
inclined tube (Digital
models have a built-in 5MP
1/2 chip CMOS USB 2.0)

**360° ROTABLE
VIEWING HEAD**

Achromatic corrected
4X/0.13, 10X/0.25,
S40X/0.65 and
S100X/1.25 objectives,
non-infinity = 160mm tube
length 160mm tube length
(Optional 20x & 60X)

OBJECTIVES

(NON-INFINITY = 160MM TUBE
LENGTH FOR EDUCATIONAL
APPLICATIONS REVERSE
FACING QUADRUPLE
NOSEPIECE)

130mm x 130mm
Integrated rackless
mechanical stage with
Locked-on spring
specimen and filter holder

STAGE

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

CONDENSER

1W intensity adjustable
LED illumination. Auto
voltage sensing power
supply, 100V – 240V
Rechargeable with 3
AA Batteries

ILLUMINATION

Customer Support (U.S.A Based)
1-(800) 832-0060 (P.S.T)

Package Information:

- Weight: 15lbs (6.8kg)
- Box Size: 21 x 15 x 11 inches

MT-30



ENTRY LEVEL
MICROSCOPE
WITH **EASY** *ERGONOMIC*
CARRYING GRIP

**RUGGED
CAST METAL
FRAME**
WITH TRIANGULAR
COMPACT SPACE
FOOTPRINT DESIGN

**MECHANICAL
DROPDOWN**

Ergonomic X-Y right
handed dropdown
coaxial control

**ERGONOMIC
FOCUSING
ADJUSTMENT**

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

ANTI-FUNGUS
TREATED OPTICAL PARTS
FOR MOLD PREVENTION



For more information
about the MT-30 Series,
scan this QR code.

IDEAL FOR 8-14+ YEARS OLD BEGINNERS

(Homeschooling, Elementary School, Middle School & High School)

Specifications and design subject to change without notice for improvements

Agent:

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