



TM200 SERIES MICROSCOPES

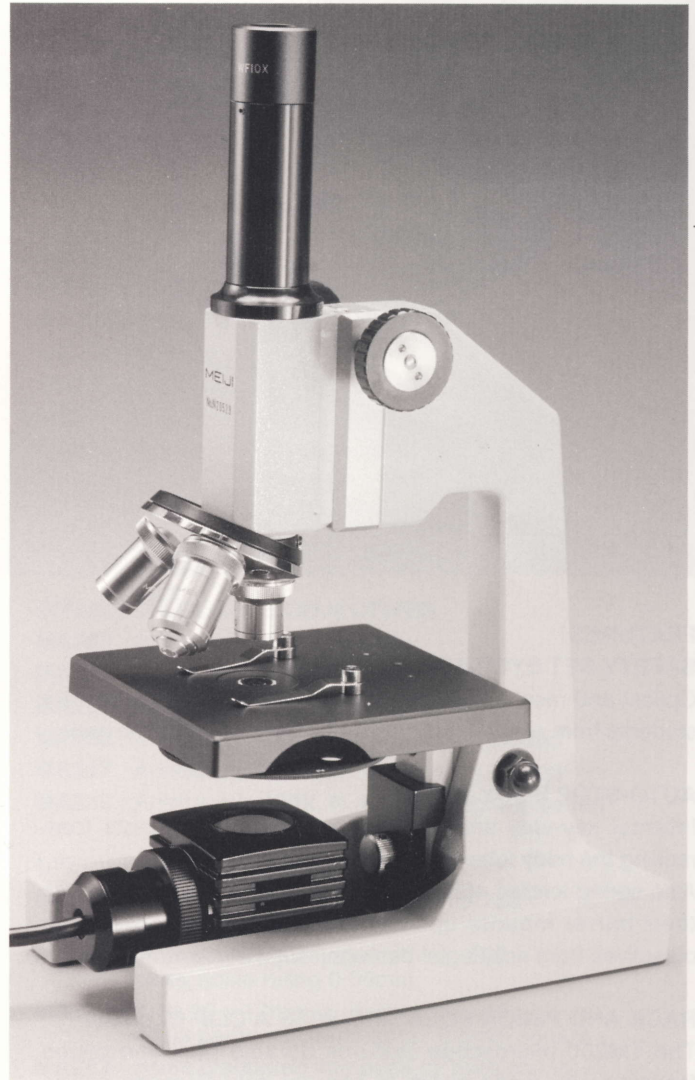
Vertical and Inclined Models

MEIJI TM200 series includes a practical range of academic microscopes that can stand up to heavy classroom punishment and it is an affordable "student proof" microscope designed to meet or exceed laboratory requirements for science teaching program.

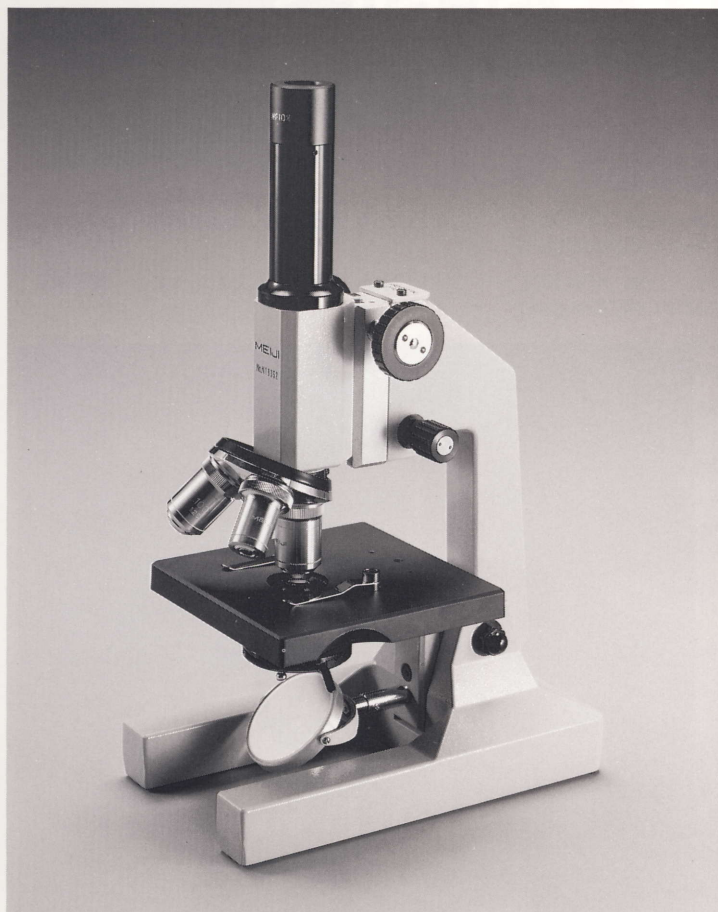
MEIJI TM200 microscope is available in a variety of junior high school, high school and college models, each priced to fit your budget without sacrificing the important features you really need.



TM206



TM208



TM211

FEATURES:

SAFETY-SET EYEPIECE, ILLUMINATOR AND MIRROR

Optical and mechanical components are locked in to prevent students from removing them by hand or with common tools.

AUTO-STOP BODY TUBE

Internal key-way and stop-screw prevents students from racking the body tube off the microscope arm.

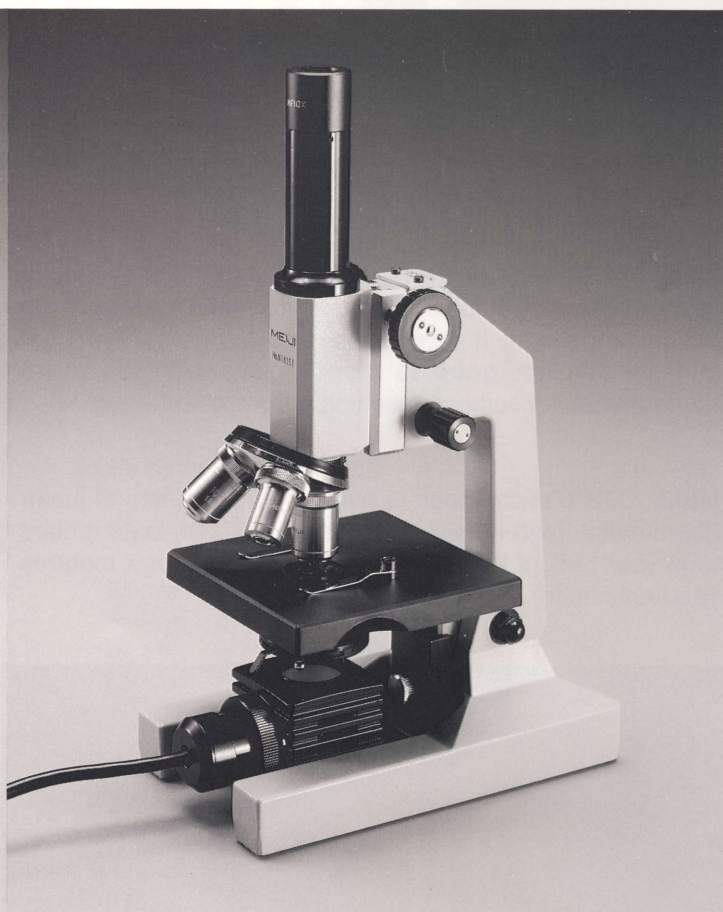
Also spring loaded 40X and 100X (oil) objectives retract into their barrel mounts upon contact to protect slides and objectives from accidental damage.

RACK AND PINION FOCUSING WITH A CLIP CLUTCH

The TM200 microscope features durable rack and pinion focusing with a slip clutch to prevent gear damage and to help students produce sharp, crisp images faster and easier. Also, a lever type fine adjustment provides worm gear control for silky smooth fine focusing.

ILLUMINATOR PROTECTION

Cased and coupled socket assembly prevents students from pulling the bulb and cord out of its housing. The housing of the illuminator is made of alloy cast and is finished in chemically resistant paint and is securely attached to the stand by means of locking set screw.



TM213

CHOICE OF LIGHT SOURCE

These microscopes can be equipped with either mirror or the 20 watt illuminator. The 50 mm diameter mirror provides full-field illumination, even the 20 watt illuminator can be positioned to fill the objectives with light regardless of the type of condenser used (built-in stage or adjustable Abbe).

VERTICAL AND INCLINED MODELS

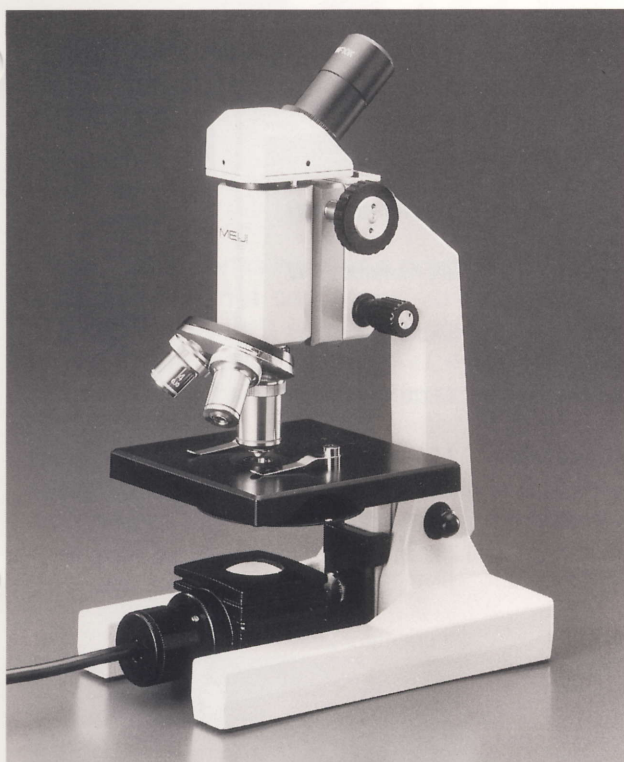
Inclined models offer the advantages of an eyepiece inclined 45° for viewing comfort, and a horizontal stage vitally important for work with wet specimen mounts. The classical and economical vertical models also are available, featuring an inclination joint in the base that provides surprising comfort for a vertical microscope.

MECHANICAL STAGE

All MEIJI TM200 microscopes have pre-drilled and tapped stage to accept easily attachable mechanical stages which are especially recommended for college microscopes (oil immersion models).

STABLE AND WIDE METAL BASE AND RUBBER FOOT

The heavy gauge all-metal stand eliminates vibrations that can severely affect image stability. The rubber foot protects top of the microscope desk from damage of scratching.



TM209

ACCESSORIES

MA261/35 SUBSTAGE ILLUMINATOR

in light alloy cast housing finished in chemically resistant paint, with bracket for screw mounting to microscope limb. Light diffusing condenser lens and blue filter inserted into top of lamphouse.



MA261/35

MA150 /20 CAMERA ATTACHMENT

To mount, with adapter, on all TM200 microscopes and a 35mm single Lens reflex camera.

T2 Adapter Rings:

T2-1 for Canon

T2-2 for Minolta

T2-3 for Pentax K

T2-4 for Pentax S

T2-5 for Nikon

T2-6 for Olympus

T2-7 for Contax

T2-8 for Konica

MA500 photo Eyepiece 3.5X



MA500



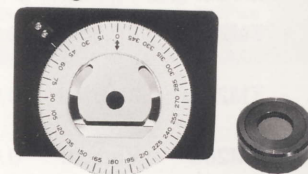
MA150/20

T2-8



MA601 POLARIZING ATTACHMENT

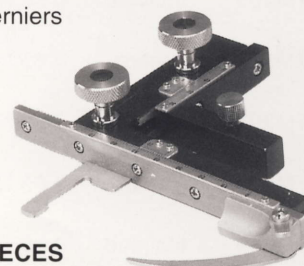
This Attachment is consisting of Polarizing Disc and Analyser. To mount on all TM200 microscopes for examination of the material having double refraction characteristics such as rocks, minerals, volcanic ashes etc.



MA601

MA271 ATTACHABLE MECHANICAL STAGE

Graduated, with scales and verniers reading to 0.1mm. Has a to-and-fro movement of 26mm and a lateral movement 70mm.



MA271

INTERCHANGEABLE EYEPIECES

MA201 Huygenian 5X

MA203 Huygenian 10X

MA204 Huygenian 15X

MA212 High-eyepoint widefield 10X

MA212P High-eyepoint widefield 10X with pointer

MA213 High-eyepoint widefield 15X

MA214 High-eyepoint widefield 20X

MA215 Widefield Zoom Eyepiece 10-20X

MA219 Huygenian Zoom Eyepiece 10-20X

INTERCHANGEABLE OBJECTIVES

MA225 Achromatic 4X, N.A.0.10

MA227 Achromatic 10X, N.A.0.25

MA228 Achromatic 20X, N.A.0.40

MA232 Achromatic 40X, N.A.0.65 spring loaded

MA237 Achromatic 60X, N.A.0.85 spring loaded

MA239 Achromatic 100X, N.A.1.25 oil spring loaded

EYEPIECE MICROMETER DISC.

MA280 10mm scale equally divided into 100 parts, scale ruling 0.1mm.

MA281 5mm scale equally divided into 100 parts, scale ruling 0.05mm.

MA282 Area 10 x 10mm is divided into 400 equal parts, minimum area : 0.5mm square

MA283 Scale graduated into parts of 1mm square

STAGE MICROMETERS

MA285 Glass slide 21x76mm, 1mm divided into 100 parts. Lines stained black, protected with cover glass. Ruling 0.01mm used for calibration of eyepiece discs and measuring field of view.

MA286 Same as above but in inch increments, ruling 0.001"

FILTERS

MA288 Chemically frosted 29mm diam. white filter

MA289 Chemically frosted 29mm diam. blue filter

MA290 Chemically frosted 29mm diam. green filter

MA291 Polarizing filter 29mm diam.

TM200 Series Microscopes Ordering Information

Standard Models

| Model No. | Body | Condenser | Achromatic Objectives | Eyepiece | Illuminator | Suggested Use |
|-----------|----------|--------------------|---|------------------------|-----------------|--------------------|
| TM201 | Vertical | 0.65 N.A. Built in | 10X,40X, and nosepiece plug in triple nosepiece | 10X Huygenian | Mirror | Junior High School |
| TM202 | Inclined | 0.65 N.A. Built in | 10X,40X, and nosepiece plug in triple nosepiece | 10X Huygenian | Mirror | |
| TM203 | Vertical | 0.65 N.A. Built in | 10X,40X, and nosepiece plug in triple nosepiece | 10X Huygenian | Illuminator 20W | High School |
| TM204 | Inclined | 0.65 N.A. Built in | 10X,40X, and nosepiece plug in triple nosepiece | 10X Huygenian | Illuminator 20W | |
| TM205 | Inclined | 0.65 N.A. Built in | 10X,40X, and nosepiece plug in triple nosepiece | 10X-20X Huygenian Zoom | Illuminator 20W | |
| TM206 | Vertical | 0.65 N.A. Built in | 4X,10X,40X in triple nosepiece | 10X Widefield | Mirror | |
| TM207 | Inclined | 0.65 N.A. Built in | 4X,10X,40X in triple nosepiece | 10X Widefield | Mirror | High School |
| TM208 | Vertical | 0.65 N.A. Built in | 4X,10X,40X in triple nosepiece | 10X Widefield | Illuminator 20W | |
| TM209 | Inclined | 0.65 N.A. Built in | 4X,10X,40X in triple nosepiece | 10X Widefield | Illuminator 20W | |
| TM210 | Inclined | 0.65 N.A. Built in | 4X,10X,40X in triple nosepiece | 10X-20X Widefield Zoom | Illuminator 20W | |

Oil Immersion Models

| | | | | | | |
|-------|----------|-----------------------------|--------------------------------------|------------------------|-----------------|---------|
| TM211 | Vertical | 1.25 N.A. Abbe in focus mt. | 10X,40X,100X oil in triple nosepiece | 10X Widefield | Mirror | College |
| TM212 | Inclined | 1.25 N.A. Abbe in focus mt. | 10X,40X,100X oil in triple nosepiece | 10X Widefield | Mirror | |
| TM213 | Vertical | 1.25 N.A. Abbe in focus mt. | 10X,40X,100X oil in triple nosepiece | 10X Widefield | Illuminator 20W | |
| TM214 | Inclined | 1.25 N.A. Abbe in focus mt. | 10X,40X,100X oil in triple nosepiece | 10X Widefield | Illuminator 20W | |
| TM215 | Inclined | 1.25 N.A. Abbe in focus mt. | 10X,40X,100X oil in triple nosepiece | 10X-20X Widefield Zoom | Illuminator 20W | |

Phase Contrast Series

| | | | | | | |
|--------|----------|--|---|------------------------|-----------------|---------------------|
| TM206P | Vertical | 0.65 N.A. Built in, Disc Diaphragm w/Phase annulus | 4X,Phase 10X, phase 40X in triple nosepiece | 10X Widefield | Illuminator 20W | High School College |
| TM209P | Inclined | do | do | do | do | |
| TM210P | Inclined | do | do | 10X-20X Widefield Zoom | do | |

※ 40X and 100X objectives are retractable.

※ Most college applications require the mechanical stage which can be ordered as an optional accessories.

● Microscope is supplied in styrofoam case. Wooden cabinet is optional.



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