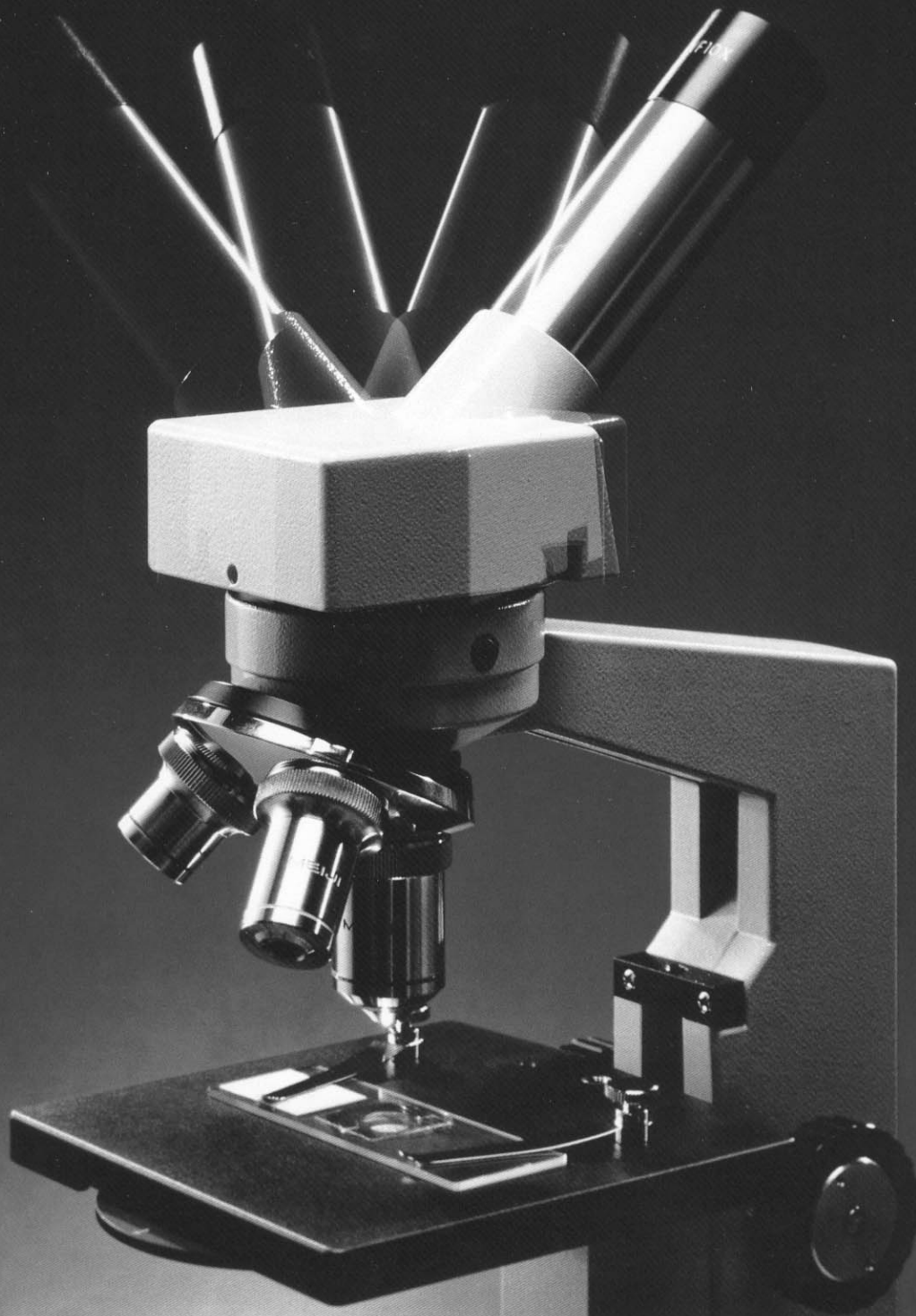


TEACHING MICROSCOPE

MEIJI
—LABAX—

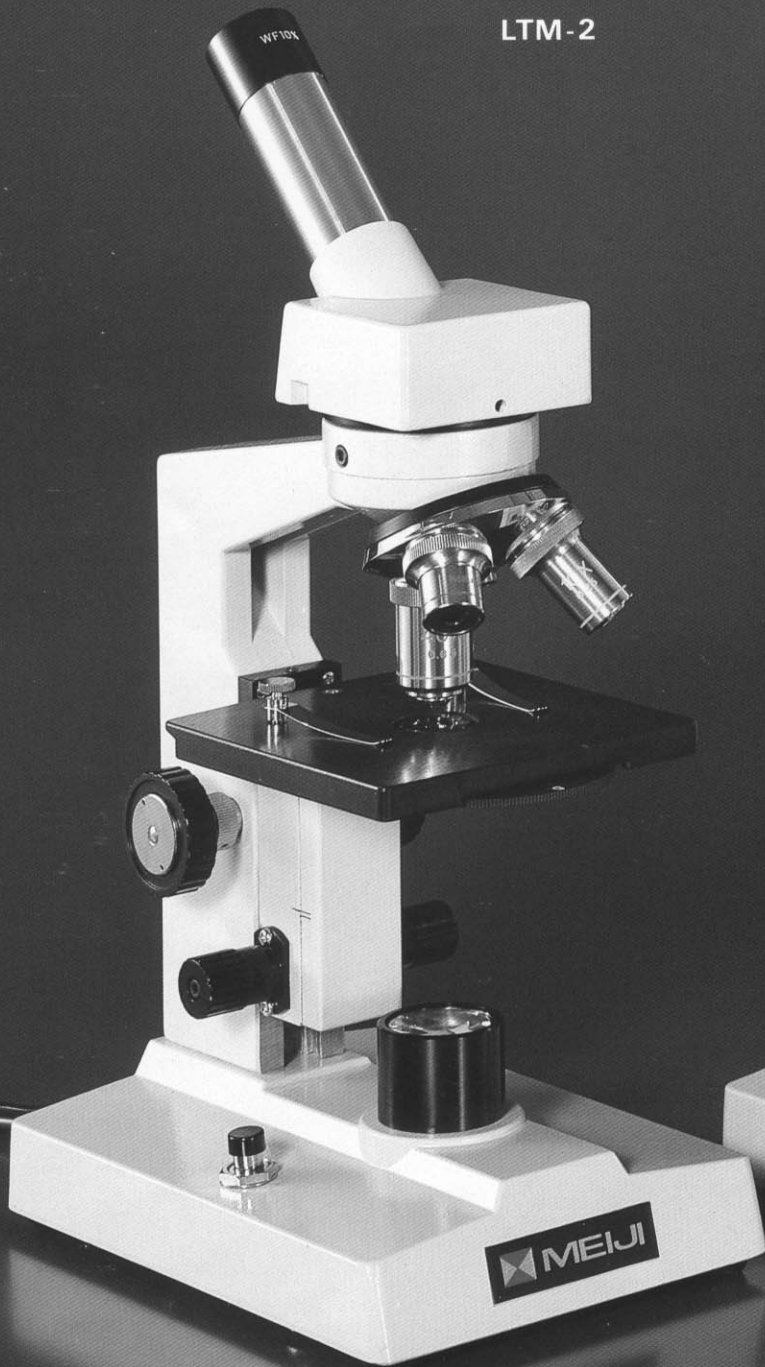
LTM

SERIES

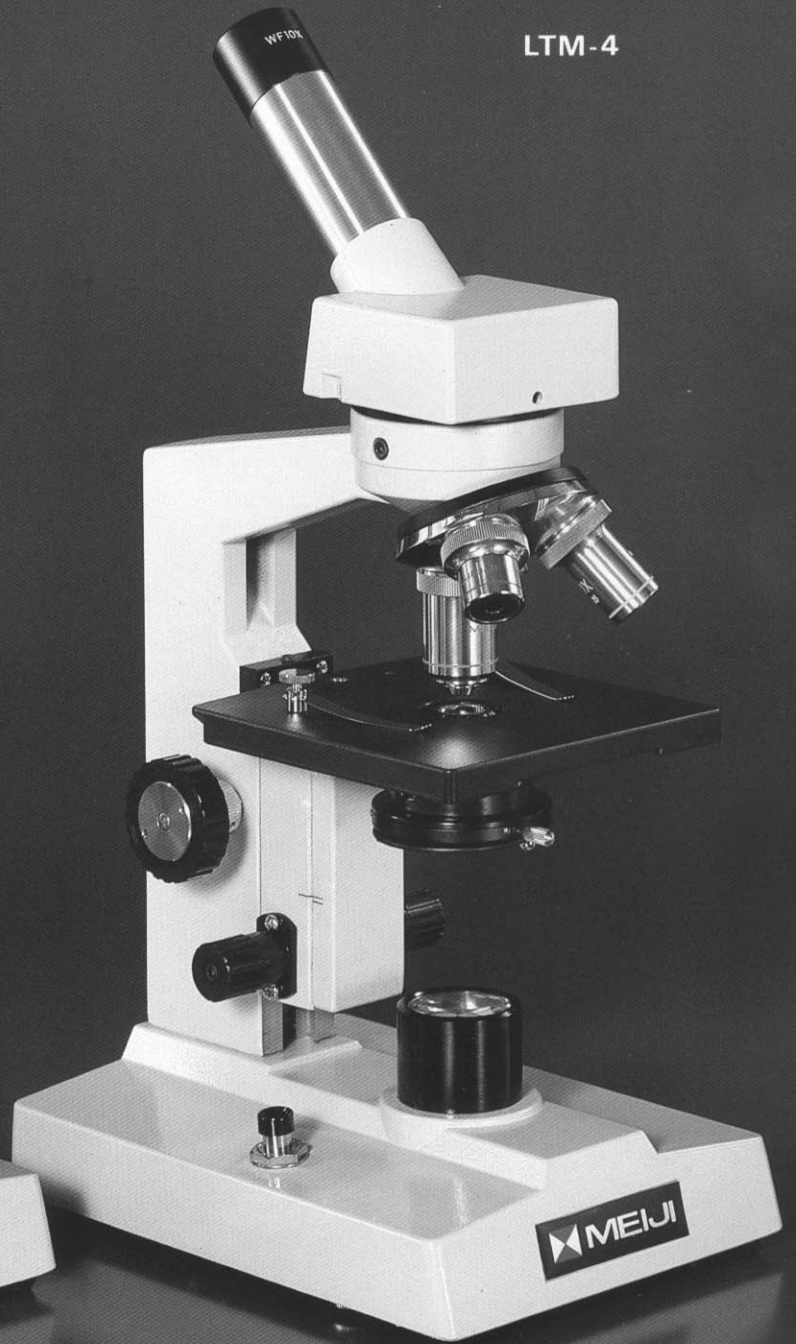


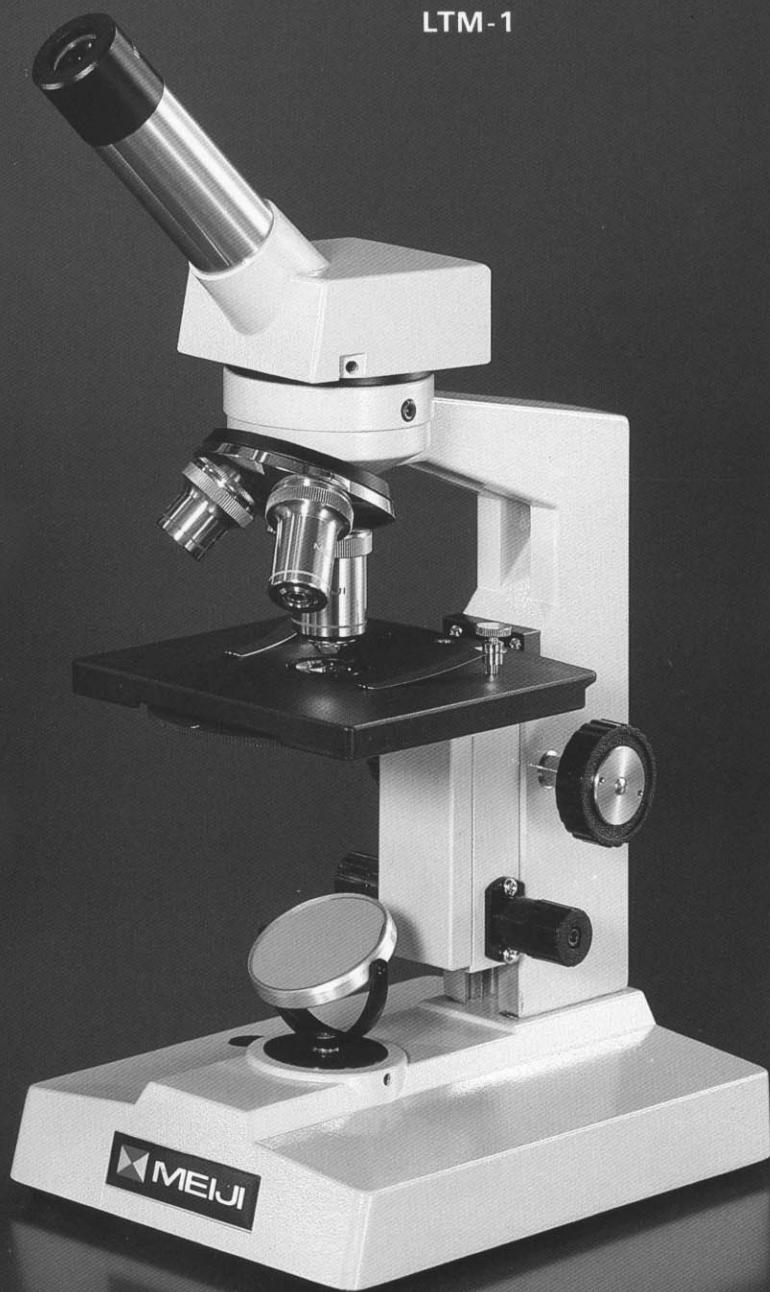
LTM SERIES TEACHING MICROSCOPES

LTM-2



LTM-4





LTM-1

STANDARD FEATURES

Eyepiece:

Locked-in 10X widefield eyepiece with built-in pointer.

Head:

Monocular 360° rotatable, 45° inclined, with 160mm tube length.

Nosepiece:

Revolving triple nosepiece with click stops.

Objectives:

Achromatic, color coded, parfocal objectives, 4X (0.10 N.A.), 10X (0.25 N.A.), 40X (0.65 N.A.) are standard. 100X (1.25 N.A.) is available. Objectives 20X and over are supplied in retractable mounts.

Stage:

100 x 105mm plain stage with locked-on stage clips. Stage is predrilled to accept Mechanical Stage.

Condenser:

Choice of Built-in N.A. 0.65 condenser with disc diaphragm or Abbe N.A. 1.25 condenser with iris diaphragm and filter holder in spiral focus mount.

Slip Clutch:

Coarse focus adjustment slip clutch engages at full travel end points of focus. Prevents focusing gear damage and destruction of specimen slides.

Focus Controls:

Dual knobs on separate coarse and fine focus controls. Tension control ring allows adjustment of rack and pinion movement. In addition to slip clutch feature, an adjustable safety stop limits upward travel of stage to prevent breakage of specimen slides.

Illumination:

Choice of Built-in illuminator, 25W lamp with integral off/on switch or 42mm diameter plano-concave mirror.

Finish:

Reagent resistant light grey leathertone enamel.

Also included:

Vinyl dust cover and manual. Packed in styro-foam case.

Size:

338mm x 130mm x 183mm, height x width x depth.

Weight:

2.3Kg net.

ACCESSORIES

EYEPIECES

| | |
|-----------|--|
| MA201 | Huygenian 5X |
| MA203 | Huygenian 10X |
| MA204 | Huygenian 15X |
| MA212/05 | Widefield Eyepiece 10X |
| MA212/05P | Widefield Eyepiece 10X with pointer |
| MA213 | Widefield, high-eyepoint, eyepiece 15X |
| MA214 | Widefield, high-eyepoint, eyepiece 20X |
| MA219 | Huygenian Zoom Eyepiece 10X-20X |

OBJECTIVES

| | |
|-------|---|
| MA225 | Achromatic Objective 4X, 0.10 N.A. |
| MA227 | Achromatic Objective 10X, 0.25 N.A. |
| MA229 | Achromatic Objective 20X(S), 0.40 N.A. |
| MA232 | Achromatic Objective 40X(S), 0.65 N.A. |
| MA237 | Achromatic Objective 60X(S), 0.85 N.A. |
| MA239 | Achromatic Objective 100X(S), 1.25 N.A. oil |

EYEPIECE MICROMETERS

| | |
|-------|------------------------------------|
| MA279 | Eyepiece Micrometer, cross-line |
| MA280 | Eyepiece Micrometer, 0.1mm ruling |
| MA281 | Eyepiece Micrometer, 0.05mm ruling |

OBJECTIVE MICROMETERS

| | |
|-------|-------------------------------------|
| MA285 | Objective Micrometer, 0.01mm ruling |
|-------|-------------------------------------|

MECHANICAL STAGES

| | |
|----------|--|
| MA295/05 | Attachable Graduated Mechanical Stage 23mm x 50mm movement |
| MA270 | Ungraduated Mechanical Stage 26mm x 70mm movement |
| MA271 | Graduated Mechanical Stage 26mm x 70mm movement |
| MA295 | Graduated Mechanical Stage 26mm x 70mm movement, horizontal control |

CAMERA ATTACHMENT & ADAPTERS

| | |
|----------|------------------------------------|
| MA150/20 | Camera Attachment |
| T2-1 | Adapter Ring for CANON |
| T2-2 | Adapter Ring for MINOLTA |
| T2-3 | Adapter Ring for PENTAX K |
| T2-4 | Adapter Ring for PENTAX S |
| T2-5 | Adapter Ring for NIKON |
| T2-6 | Adapter Ring for OLYMPUS |
| T2-7 | Adapter Ring for CONTAX or YASHICA |
| T2-8 | Adapter Ring for KONICA T |

OTHERS

| | |
|-------|---------------------------------------|
| MA601 | Polarizing Attachment |
| MA288 | Frosted white filter, 29mm diam. |
| MA289 | Frosted blue filter, 29mm diam. |
| MA290 | Frosted green filter, 29mm diam. |
| MA314 | Spare bulb 115V, 25W |
| MA315 | Spare bulb 220/240V, 25W |
| MA129 | Wooden cabinet w/lock and key for LTM |



MA650
Lens cleaning paper
Chemically treated
100% Cotton
20 sheets/pack
Size: 130mm x 67mm

ORDERING INFORMATION

| Model No | Eyepiece | Objectives | Condenser | Diaphragm | Illuminator |
|----------|-----------------|-------------------------------|--------------------|-------------------------|--------------|
| LTM-1 | WF10X w/pointer | Ach. 4X, 10X, 40XS | Built-in N.A. 0.65 | Disc | Mirror |
| LTM-2 | WF10X w/pointer | Ach. 4X, 10X, 40XS | Built-in N.A. 0.65 | Disc | Built-in 25W |
| LTM-3 | WF10X w/pointer | Ach. 4X, 10X, 40XS | Built-in N.A. 0.65 | Iris | Built-in 25W |
| LTM-4 | WF10X w/pointer | Ach. 10X, 40XS, 100XS | N.A. 1.25 in focus | Iris | Built-in 25W |
| LTM-5PH | WF10X w/pointer | Ach. 4X, Phase 10X, Phase 40X | Built-in N.A. 0.65 | Disc with Phase annulus | Built-in 25W |



MEIJI LABAX CO., LTD.
TOKYO JAPAN