



ML9000 Series

POLARIZING MICROSCOPES

A SUITABLE INSTRUMENT FOR MOST APPLICATIONS IN GEOLOGY, PETROLOGY, MINERALOGY, TOXICOLOGY, CHEMISTRY, PHARMACEUTICS, MEDICINE, PULP/PAPER, ATMOSPHERIC POLLUTION, CERAMICS TECHNOLOGY, FORENSIC MEDICINE, ETC.

FEATURES

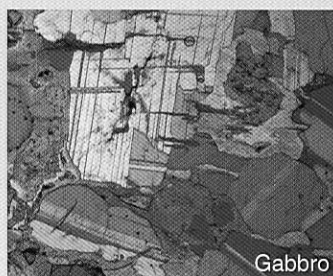
Large, stable microscope base and limb with graduated, coaxial coarse and fine focusing (with safety stop), rack and pinion focusing condenser mount, Koehler base illuminator with pre-centered 30 watt tungsten halogen source and with integral 115 volt electronic transformer with intensity control. (220/240V AC system also available, please specify). Also including:

- Binocular or trinocular body, 30° inclination, with high transmission prism system. Attachment fitting slotted for correct orientation. Dovetail slider inter-ocular adjustment and dioptric compensation facility incorporated in one eyetube. One eyetube slotted for 90° and 45° orientation of cross-line eyepiece.
- Both orthoscopic and conoscopic systems of observation can be carried out.
- Extra-bright, extra-large interference figures are produced by a new concept Bertrand lens.
- Ball-bearing rotating stage, 150mm diameter, graduated with vernier, and stage specimen clips.
- Ball-bearing quadruple nosepiece with one fixed and three centerable objective apertures.
- Analyzer, in slide for E-W insertion.
- Bertrand lens with field-limiting stop, in slide for E-W insertion.
- Polarizer, in swing-out click/clamp mount, fully rotatable with click stop at 0° and 90°.
- Slide opening in limb for insertion of DIN standard 20mm x 6mm compensators, slideway SE-NW. (Mica 1/4 wave plate and sensitive tint plate included).
- Strain free Achromatic Condenser, N.A.1.25, with aperture iris diaphragm and swing-out filter holder.
- Size and Weight:
ML9200 Binocular
200mm(W) x 270mm(D) x 435mm(H), 8.5kg net
ML9300 Trinocular
200mm(W) x 270mm(D) x 480mm(H), 8.7kg net

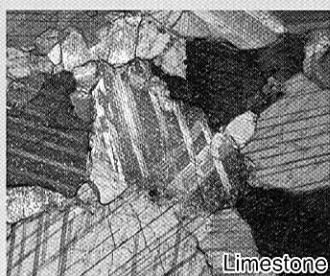


ML9300

COMPONENTS & ACCESSORIES (ML9000 Series)



Gabbro



Limestone



Diorite

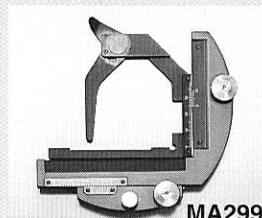


Biotite gneiss

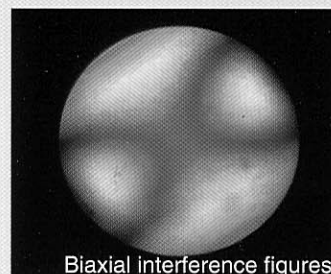
(Photographs of rock thin sections taken with ML9300 Trinocular polarizing microscope.)

OPTIONAL MICROSCOPE BODIES

- MA647** Binocular head 30° inclination. One eyetube slotted for orientation of cross-line eyepiece, (included in Model ML9200).
- MA648** Trinocular head-as described above, but with 80%/20% beam-splitter and vertical photo tube, (included in Model ML9300).
- MA649** Monocular head, 30° inclination. Eyetube slotted for orientation of cross-line eyepiece.



MA299



Biaxial interference figures

MICROSCOPE OBJECTIVES

(DIN, strain free, lenses 20X and over are supplied in retractable mounts)

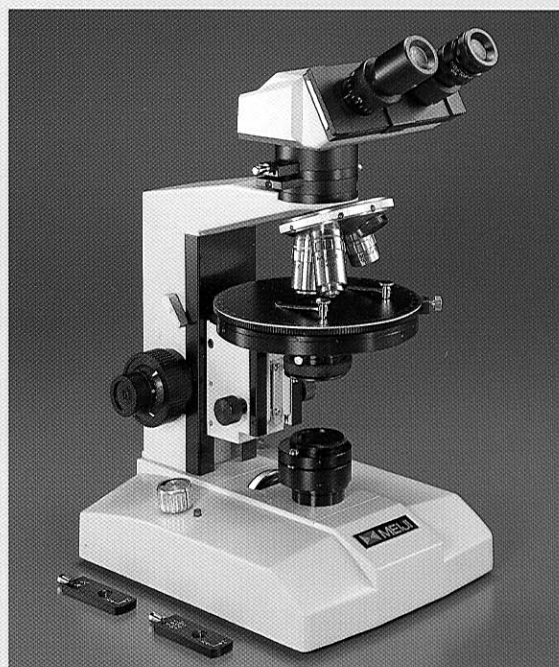
- MA641** SM Plan 4X/N.A.0.10 (included)
- MA642** SM Plan 10X/N.A.0.25 (included)
- MA643** SM Plan 20X/N.A.0.40
- MA644** SM Plan 40X/N.A.0.65 (included)
- MA645** SM Plan 60X/N.A.0.85
- MA646** SM Plan 100X/N.A.1.25 oil

MICROSCOPE EYEPIECES (DIN)

- MA406** 10X wide field (f.o.v. #18), high eyepoint (included)
- MA413C** 10X, focusing, with cross-line (included)

SPARES, MISCELLANEOUS

- MA133S** Wooden cabinet, lockable
- MA299** Attachable mechanical stage
- MA326** Spare lamp 6V 30W halogen
- MA327** Fuse 3A
- MA469** 1/4 wave-length test plate (included)
- MA654** Quartz Wedge-6 order
- MA470** First order red compensating plate (included)
- MA471** Analyser (included)
- MA477** Bertrand lens (included)



ML9200

ORDERING INFORMATION FOR COMPLETE OUTFITS

Model	Body	Eyepiece (DIN)	Objectives (DIN)	Illuminator
ML9200	Binocular body	HWF10X HWF10XF with cross-line	SM Plan, Strain-free 4X, 10X, 40X (retractable)	Koehler illuminator with Halogen lamp, 6V 30W
ML9300	Trinocular body	HWF10X HWF10XF with cross-line		

Supplied in styrofoam case with dust cover and instruction manual.

Agent:

MEIJI TECHNO AMERICA



MEIJI TECHNO CO.,LTD.

2186 Bering Drive
San Jose, CA., 95131, USA
Phone : 408-428-9654 Fax : 408-428-0472
Toll free : 800-832-0060

6, Oi-670, Oi-machi, Iruma-gun
Saitama 356-0053, Japan
Phone : 492-67-0911
Fax : 492-69-0691, 492-69-0692

<http://www.meijitechno.com>