

# POLARISING MICROSCOPE - MT-1 & MT-1M POL

**MetPrep**



## **MT-1 POL Trinocular POL microscope with:-**

- Trinocular phototube
- Wide-field 10x/22 eyepieces – one focusing with cross-line & scale graticule
- Intermediate tube with rotating analyser
- Bertrand Lens
- Quintuple centering nosepiece
- Built-in 6v 30W Halogen Kohler illumination
- Planachromat 4x/0.10
- Planachromat 10x/0.25
- Planachromat 20x/0.40
- Planachromat 40x/0.65
- Rotating centering stage 158mm diameter with vernier scale
- Focusing centering NA 1.25 Abbe condenser with iris diaphragm & 360° rotating polariser with 5° scale
- $\lambda$  and  $\lambda/4$  compensators
- Quartz wedge 1-4 orders

## **MT-1M POL as above with additional:-**

- 12v 50w halogen incident illuminator with field iris and aperture iris
- Incident polariser
- Strain free objectives for non-cover slipped specimens:
  - Planachromat M20x/0.40
  - Planachromat M40x/0.65

**MT-1 POL is an advanced robust trinocular polarising microscope for transmitted light using a 6V 30W Halogen light source.**

**Supplied with a range of strain free Planachromat objectives, (FN22) eyepieces, centerable nosepiece, 158mm rotating stage, 360 degree rotatable analyser, Bertrand lens and a range of compensation plates and quartz wedge.**

**MT1-1M POL as per the above but also with a 12V 50W Halogen reflected light illumination system with adjustable field & aperture iris's. Also includes additional 20x and 40x reflected light objectives and incident polariser**

**Both are ideal polarising microscopes for teaching & laboratory applications.**