



MEIJI MT6520 Microscope Brochure

The Meiji Techno MT6520 Phase Contrast Microscopes for asbestos fiber counting meet NIOSH 7400 and OSHA 160 Reference Methods.



- **Objective Lenses:** DIN Infinity Corrected brightfield U. Plan 4x, U. Plan 10x and U. Plan Positive Phase Contrast 40x objectives mounted in quintuple nosepiece.

- **Eyepieces:** Siedentopf trinocular head with HWF10x DIN standard compensating eyepiece (FN 20) and HWF10x focusing eyepiece with Walton & Beckett reticle (type G-22 with 3:1 aspect ratio), FN 20. Interpupillary adjustment from 53mm to 75mm. Graduated diopter on left eyetube. Inclined at 30 degrees. Trinocular head allows camera integration and includes sliding 80/20 beam splitter.

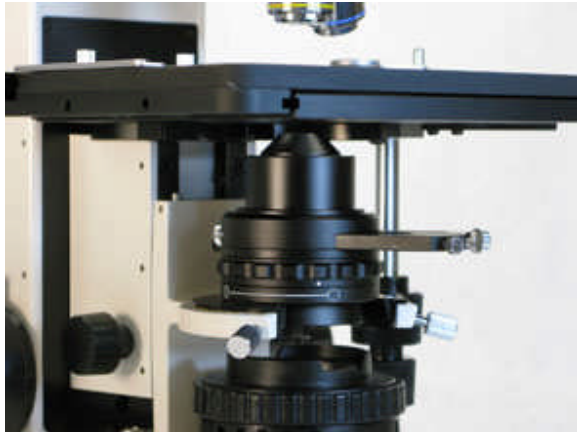
- **Total Magnification:** 40x, 100x, 400x.

- **Specimen Stage:** Ceramic coated flat top mechanical X-Y stage measures 171mm x 115mm and travels 78mm(X) x 52mm(Y). Attached finger assembly and ergonomically positioned coaxial drop-down controls. Includes stage micrometer 1mm divided into 100 units (each division = 0.01mm).

- **Focusing:** Coaxial coarse and fine focus

adjustment with graduation reading 2 microns per division, fitted with tension adjustment and safety auto focus stop.

- **Illumination:** Built-in Koehler illuminator with 6v 30w halogen lamp, including variable intensity control.
- **Phase Contrast:** Includes centering telescope.
- **Light Focusing:** Abbe condenser NA 1.25 with iris, centerable 20x and 40x positive phase annulus, and dovetail mount.
- **Warranty:** Meiji Techno warrants this product against defects in material and/or workmanship for the life of the instrument from the date of original purchase to the original purchaser. Electrical warranty is 90 days.
- **Includes:** Stage micrometer 1mm / 100 divisions, green interference filter 546nm, blue clear filter, centering telescope, dust cover and owner's manual.



Abbe Condenser NA 1.25 with iris, centerable 20x & 40x positive phase annulus

