Address: 5533 Southwyck Blvd, Toledo, OH 43614, United States. **Phone:** +1 330 331 5400 **Email:** info@toledoinstruments.com

Polarizing Microscope TPM-2101

★ ★ ★ ★ ★

$9,200.00

Advanced Polarizing Microscope TPM-2000 Series	Microscopes	Polarizing Microscope	Polarizing Microscope TPM-2100 Series

Polarizing Microscope TPM-2101 equipped with a high degree of sensitivity and best suited for anisotropic (mineral) specimens such as geology, minerals, metallurgy, university teaching laboratories, and other sectors. Built-in bertrand lens, polarizer and analyzer, 360° rotatable round stage, filter, condenser, etc. The trinocular viewing head with extra wild field eyepieces and has excellent strain-free plan achromatic: 5X/0.12/∞/-15.5 mm, 10X/0.25/∞/-10.0 mm, 20X/0.4/∞/0-5.8 mm, 50X/0.75/∞/0-0.32 mm, 100X/0.8/∞/0-2 mm objectives, and each eye tube has interpupilary adjustment. Capable of providing strong images with a broad field of view, the multipurpose and perfect for basic studies of sample properties. Come with 24V/100W Halogen lamp reflected lights, allowing sample to be illuminated for a more comprehensive field of view. Accomplished with the help of particular devices known as retardation plates and optical compensators. First order retardation plate is used in optical path differences ranging from a fraction of a wavelength up to several wavelengths. This flexible and multipurpose tool is known by different names, comprising a red plate, red-one plate, lambda (λ) plate, gypsum plate, selenite plate, sensitive violet, or simply a color tint plate and quartz wedge plate is a simple, semi-quantitative optical compensator used to examine optical path differences in a wide range of sample by the quartz wedge. Built in a crystalline block of quartz provide parallel or perpendicular optical axis to the edge of the birefringent crystal.

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