IRIS ANALYTICAL

MICROSCOPES

cs@irisanalytical.com

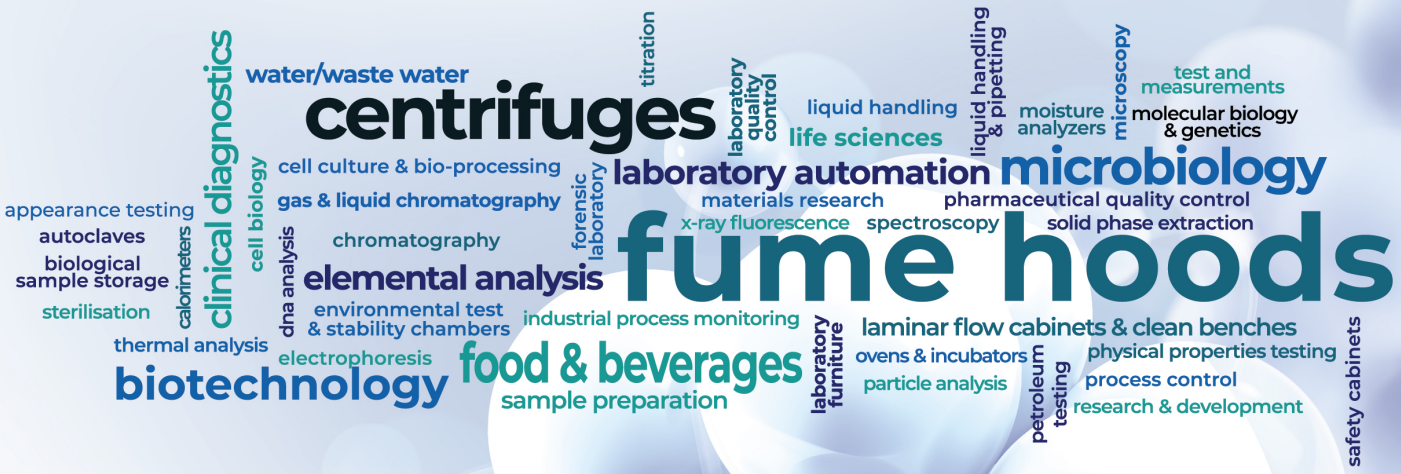
+1 706 760 4500

www.irisanalytical.com

Polarizing Microscope IMP-1300 Series 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 binocular viewing head with wild field eyepieces and has excellent infinite strain free plan achromatic: 4X, 10X for reflected/transmitted 20X, 40X, 60X for Transmitted with optional: 100X for Transmitted 20X, 40X, 60X, 100X for reflected objectives, and each eye tube has interpupillary adjustment. This series is capable of providing strong images with a broad field of view, the multipurpose, and perfect for basic studies of samples properties. Come with 12V/50W halogen Epi-Illumination lights, allowing samples to be illuminated for a more comprehensive field of view. Accomplished with the help of particular devices known as retardation plates and optical compensators. The 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 samples by the quartz wedge. Built-in a crystalline block of quartz provide a parallel or perpendicular optical axis to the edge of the birefringent crystal.

- Accomplished with the help of particular devices known as retardation plates and optical compensators.
- Infinite strain free plan achromatic objective, and Backward quadruple nosepiece
- Gypsum λ Slip, First Class Red, 1/4λ Slip, (I-IV Class) Quartz Wedge optical compensate system
- Designed with wild field WF10×/ 20mm, WF10×/ 20mm with crosshair, WF10×/ 20mm with scale of cross hair eyepieces
- Coaxial Coarse & Fine Adjustment, Range 24mm, Fine Division 0.002mm
- 360° Revolving Round Stage of length 160 mm
- N.A.0.9/0.13 swing out condenser
- 5W LED lamp light source
- Binocular 30° inclined and a 360° rotatable head with interpupillary distance 48 to 75 mm and
- Small foot print and light weight
- Easy operating with ergonomic design
- Excellent image quality with an infinite optical system
- Optional accessories C- Mount 0.4×2× SLR Camera adapter for Nikon or Canon DSLR camera, Specimen presser, Micrometer 0.01mm
- 6V/30W Halogen Lamp Illumination as an optional accessories
- Built-in a crystalline block of quartz provide parallel or perpendicular optical axis to the edge of the birefringent crystal

IRIS ANALYTICAL



IRIS Analytical Inc.

cs@irisanalytical.com +1 706 760 4500 www.irisanalytical.com