



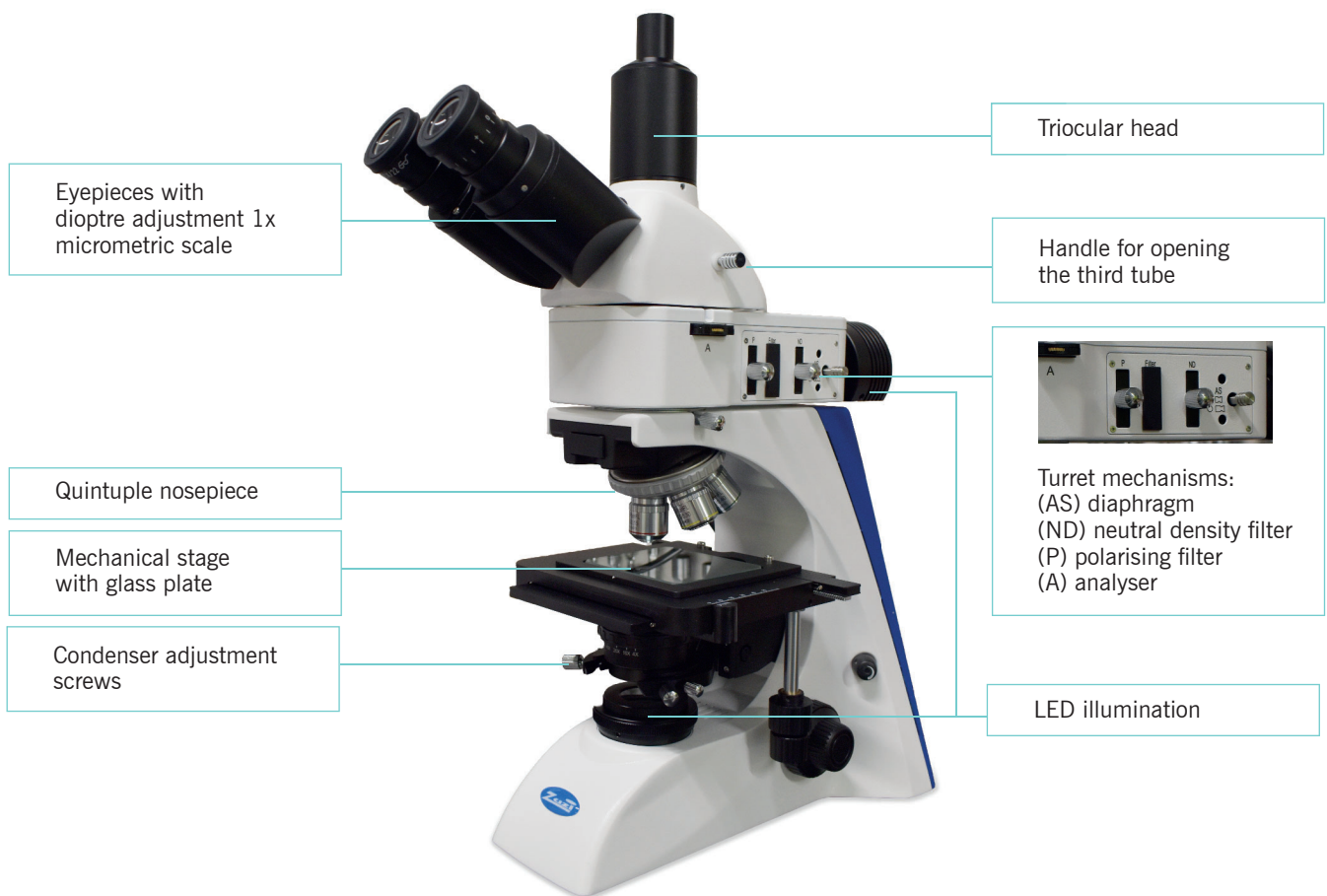
METALLOGRAPHIC MICROSCOPE 505MT

Code HBH012

The Zuzi 505MT metallographic microscope is a high-precision instrument designed for the detailed analysis of metallographic structures and opaque surfaces. It stands out for its great versatility, as it allows use in biological, petrographic, and metallographic applications, effectively adapting to a wide range of analytical needs with a single piece of equipment.

Applications

- Metallographic analysis, surface inspection, and material quality control
- Petrographic studies and observation of geological materials
- Observation of biological samples in research, industrial and educational laboratories





METALLOGRAPHIC MICROSCOPE 505MT

Code HBH012

Technical Specifications

Code	HBH012
Model	505MT
Head	Trinocular (third tube 23 mm)
Eyepieces	10WF 22mm (Ø30mm)
Nosepiece	Quintuple
Objectives	Plan achromatic: 5X, 10X, 20X, 50X
Stage	Double-layer mechanical stage 175x145mm (without clip) Glass plate 95x85 mm
Condenser	Abbe N.A. 1.25
Precondenser	Köhler type
Focusing	Coaxial coarse and fine adjustment
Illumination	5W- LED x2
Power supply	100-240VAC 50/60Hz
Weight	10.5 kg
Dimensions (Length x Width x Height)	400x210x555 mm

Observation with microscope HBH012

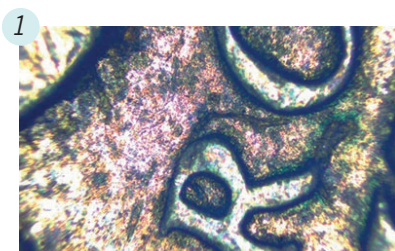


Figure 1. Coin sample observed in metallographic mode

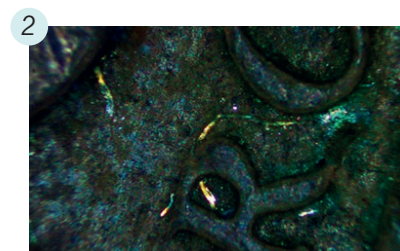


Figure 2. Coin sample observed with polarized light

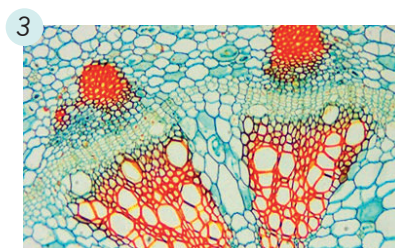


Figure 3. Sunflower stem sample observed in biological mode

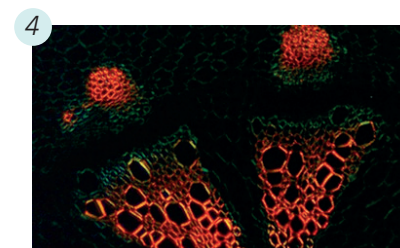


Figure 4. Sunflower stem sample observed with polarized light