

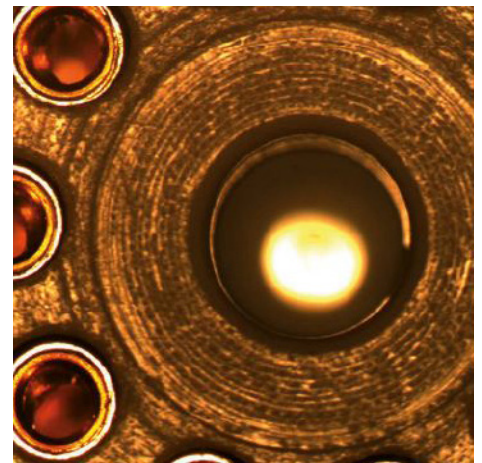
MP20 Portable Metallurgical Microscope Specifications

- Camera ready trinocular head with integrated 0.5x c-mount adapter. Trinocular head rotates 30°.
- Optical video tube with integrated 0.5x c-mount for direct-to-video.
- 10x/18 eyepieces with reticle with scale and crosshair.
- Quad turret for mounting objectives.
- Infinity corrected Plan 5x, 10x, 20x, 50x objectives.
- Total magnification 50x, 100x, 200x, 500x.
- Ergonomically designed carrying handle.
- Ultra high power coaxial LED illumination, battery powered with operation time 1-500 hours for cable free operation.
- Compatible with roll surfaces down to 60mm diameter.



Applications:

- Corrosion analysis
- Print roller inspection
- Aircraft wing inspection
- Metal sheet inspection
- Rail inspection
- Portable metallurgy
- Fracture inspection
- Forensic field examination



- Integrated X/Y Stage travel +/- 9mm; Spindle pitch 0.5mm: scale division 0.1mm; adjustment sensitivity 2µm
- Z axis coarse/fine focusing. Z axis coarse movement 80mm, fine travel 0.24mm with minimum fine focus precision 3µm.
- Highly configurable system for easy customization to meet application requirements.
- Option for digital height gauge clamp to integrate gauge for depth & height measurements.
- Approx. Dimensions 320 x 160 x 230mm
- Approx. Weight 8.6 lbs

