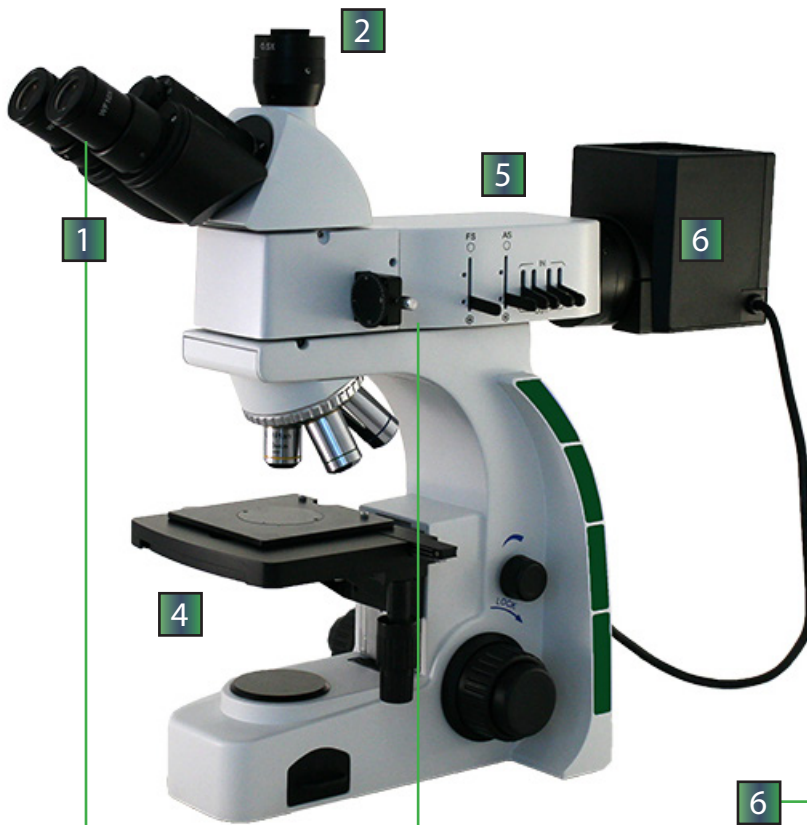




## M20 Metallurgical Microscopes



# M20 Metallurgical Microscope Features



**1** Ergonomically inclined trinocular head with eyetubes at 30° places user in the best working position, creating less tension and fatigue. Interpupillary distance is adjustable from 52~75mm. WF10x, FN20 eyepieces. Includes extra eyepiece with crossline ruler reticle.

**2** Trinocular port with 0.5x c-mount adapter included. Light is split 20/80.

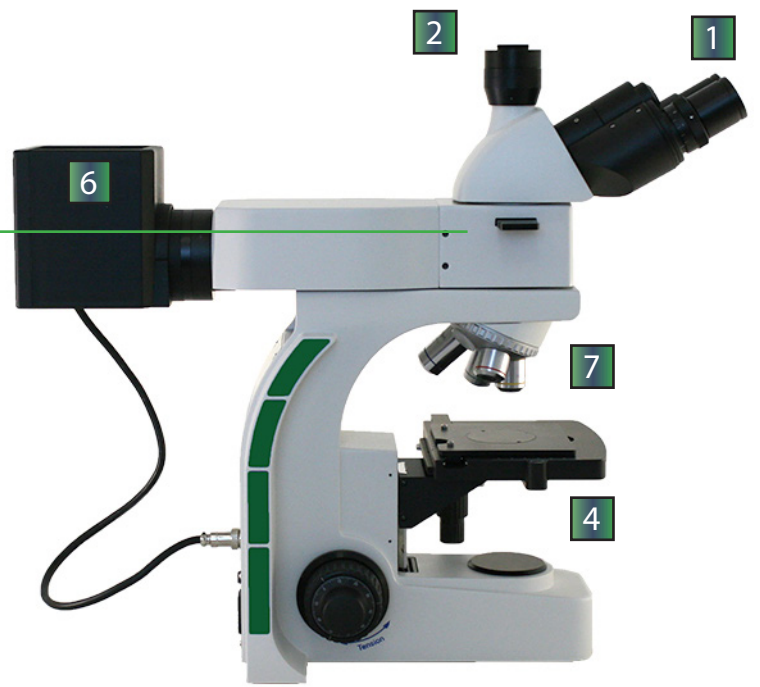
**3** 360° Rotatable polarizer, analyzer.

**4** Double layer mechanical stage with X-Y movement range of 80mm x 60mm.

**5** Field stop and aperture diaphragm adjustments. Green, blue and yellow filters.

**6** 12v, 50w Halogen reflected arm illuminator.

**7** Quintuple nosepiece holds Infinity Corrected LM Plan Metallurgical objectives.



# M20 Metallurgical Microscope Features

## Basic Reflected Light Metallurgical Microscope

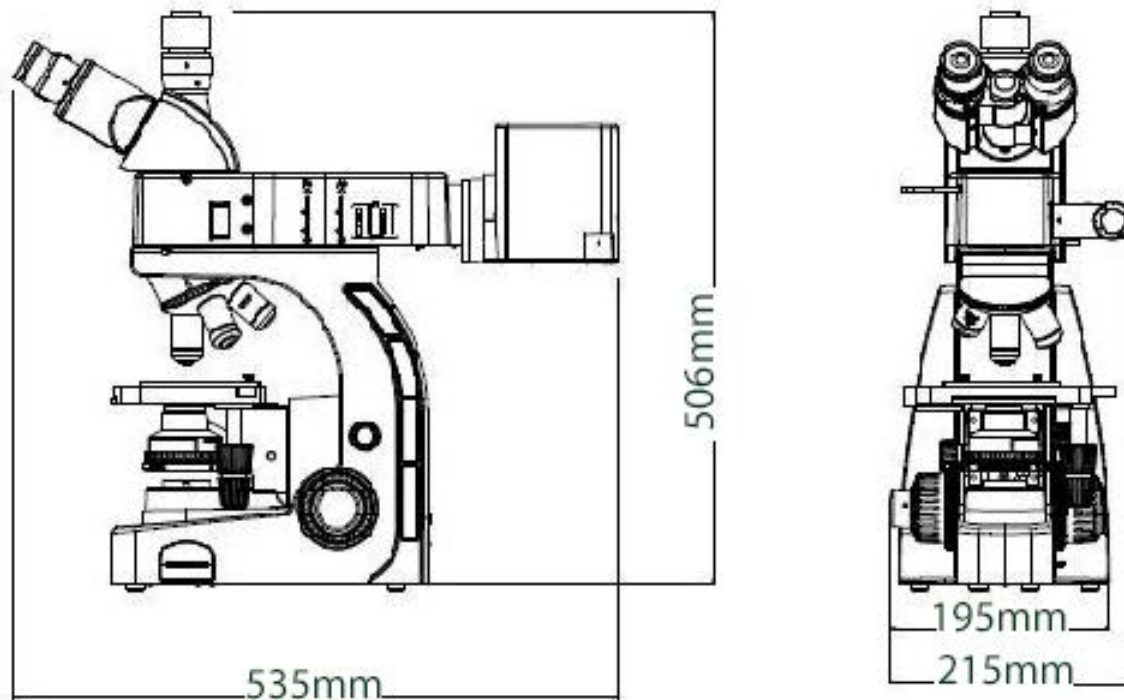
The M20 reflected light metallurgical microscope covers all the basics for metallurgical work. The microscope system includes:

- Polarizer
- Analyzer
- 0.5x C-Mount Adapter
- Infinity Corrected LM Plan Metallurgical 5x, 10x, 20x, 50x objectives
- Double Layer Mechanical Stage
- Built-in Green, Blue, Yellow Filters
- 12v, 50w Halogen Reflected Illumination



# M20 Metallurgical Microscope Specifications

Optical System	Infinity Color Corrected Optical System
Viewing Head	30° inclined siedentopf trinocular head. Interpupillary distance adjustable 52~75mm, diopter adjustable. Head rotates 360°. Light is split 20/80.
Eyepieces	WF10x widefield eyepieces, FN20, paired. Includes extra WF10x/20 eyepiece with cross-line reticle installed. Reticle has 18mm / 180 division ruler = 0.10mm.
Objective Lenses	Infinity Corrected L Plan Achromat 5x, NA 0.12, WD = 23.6mm.
	Infinity Corrected LM Plan Achromat 10x, NA 0.25, WD = 5.03mm.
	Infinity Corrected LM Plan Achromat 20x, NA 0.40, WD = 2.71mm.
	Infinity Corrected LM Plan Achromat 50x, NA 0.70, WD = 0.72mm.
Nosepiece	Revolving quintuple nosepiece.
Focus Adjustment	Low-position coaxial coarse and fine focusing system with tension adjustment.
Body	Power supply 100~240V, 50/60Hz, CE certified.
Stage	Double layer mechanical stage measures 156mm x 138mm with X-Y travel of 80mm x 60mm.
Illumination	Reflected illumination arm, 12v, 50w halogen with aperture stop and field iris stop.
Filters	Reflected illumination arm has built-in green, blue and yellow filters.
Polarization	Analyzer and 360° rotatable polarizer.
C-Mount Adapter	Focusing 0.5x c-mount adapter.



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