

ADVANCED METALLURGICAL MICROSCOPE

MZ Series Microscope

Product Information

Advanced Metallurgical Microscope *MZ4 Series*



The **MZ4 Series Model 8701**

Metallurgical microscope is a superior upright image widely used for metallurgical, mineral identification and crystal, integrated circuit examination and research. It is available to be supplied with transmitted illumination, imaging and viewing system and accessories as a biological microscope for medical institute use

TECHNICAL SPECIFICATION

General Technical Specification

Magnification Range: 50x - 800x optical
Viewing Head: Trinocular Head, at 25-30°
Eyepiece: Wide Field WF10X/22mm
Objective Lenses: standard 5X,10X,20X,50X,80X
Nosepiece: Quintuple nosepiece
Stage: size 200x200 mm
Movable Range: 158 x 158 mm
Focusing: Coaxial Coarse & Fine Focus Adjustment,
Light Source: Vertical Kohler Illumination
12v/100w Halogen Lamp

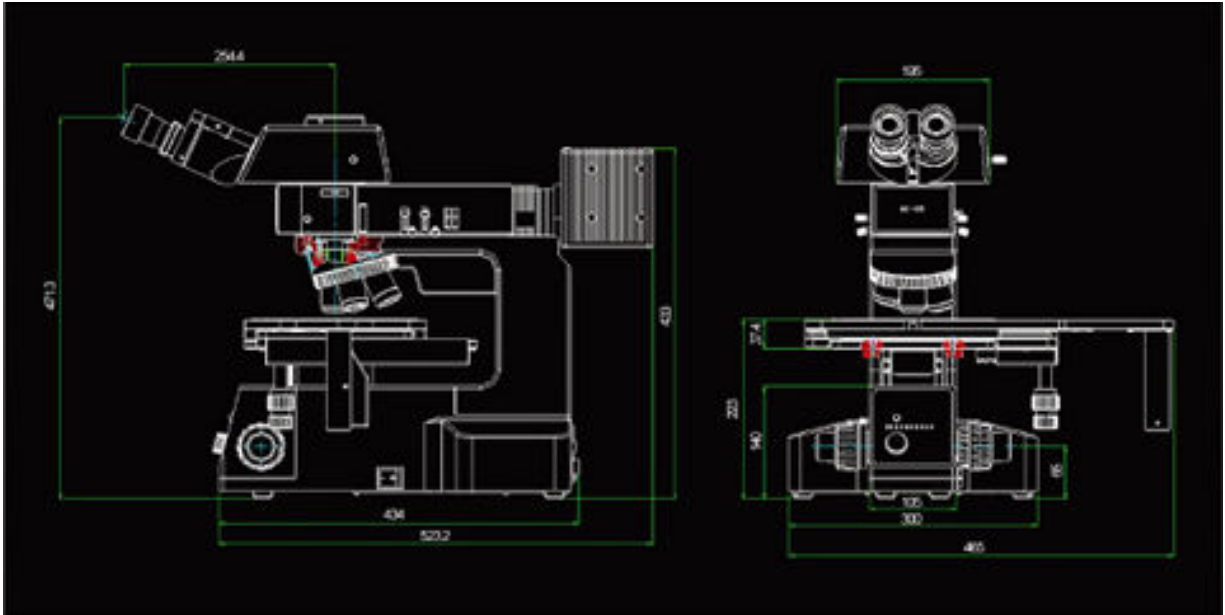
Features.

- Using Infinity Optic System
- Offer Upright Image Viewing
- Long Working Distance PLAN Objective
- Come with Reflective Vertical Kohler Illumination offer even and Sufficient Brightness Control for different Objective Lens

Product Information

OPTICAL SPECIFICATIONS TABLE		
Standard Configuration	Model	8701
Viewing head	Trinocular Head, Inclined at 25- 30°, Vertical photo/video port (100%) Offering Upright Image	•
Eyepiece	High Eye Point Super Wide Field Plan WF10x (22mm)	•
	High Eye Point Super Wide Field Plan WF15x (16mm)	◦
Nosepiece	Quintuple nosepiece, Backward Ball Bearing Inner Locating, for Bright and Dark Field Use	•
Plan Achromatic Objectives Lens (For Both Dark & Brightfield Usage)	PL 5x / 0.17 W.D. 12mm	•
	PL 10x / 0.25 W.D. 6mm	•
	PL 20x / 0.4 W.D. 5mm	•
	PL 50x / 0.7 W.D. 2mm	•
	PL 80x / 0.8 W.D. 1mm	•
Optics System	Infinity Optic System	•
Stage	Size: 200 x 200 mm, Movable Range: 158 x 158 mm	•
Focusing	Coaxial Coarse & Fine Focusing, Coarse Movement: 33mm	•
Illumination	Vertical Kohler Illumination 12V / 100W Halogen Lamp, with Digital Control Brightness, Intensity Light Set & Reposition	•
Optional Accessory		
Color Filter	Green Filter	◦
	Blue Filter	◦
	Red Filter	◦
Polarizer	Polarizer	◦
Analyzer	Analyzer	◦
Cross Recticles	0.1 mm	◦
Micrometer Stage	0.01mm	◦
Digital Camera Adaptor		◦
Photo Adaptor	CCD Adaptor	◦

- Standard outfit ◦ Optional Accessories



For More Information

For more information on our products and services, kindly send an E-mail to sales@pinnacletech.biz

Tel: +(65) 6364 0626 Fax: +(65) 6894 9646