

Metallographic Microscope

DM-1



Features

- Compact and steady main frame to resist any shock
- Precision optical structure
- Handheld design makes inspection more ease
- Microscope magnification 100-500X
- Magnetic base, suitable for different workpiece
- The large mobile range is suitable for observation big size specimen or quick check

Technical Specification:

Magnification	100X-500X
Eyepiece (Large view)	10X, 12.5X
Objective	10X, 40X
Illuminator (LED)	1W
Color filters	Green, yellow and blue
Mini-grinder with rotation speed	10000-37000/Min
Metallographic polisher	80#-1000#
Metallographic sandpaper	100#-800#
Polishing paste	W2.5 diamond polishing paste
Base	Slide way X and Y direction
Power supply	220V, 50/60Hz
Operating temperature	-20°C ~ +50°C
Dimensions	170mm (L) × 100mm (W) × 210mm (H)
Weight	1.5kg

Standard Delivery

- Main Unit
- Eyepiece 10X, 12.5X
- Objective 10X, 40X
- Power supply
- LED
- Power supply
- light controller
- Carrying case
- Operating manual
- Certificate

Optional Accessories

1. Set of Mini-grinder

- Mini-grinder with rotation speed
- Metallographic polisher
- Polishing paste

2. Set of Digital imaging

- Professional digital camera
- SD card with 16GB
- Digital camera equipment

3. Set of Video imaging

- CCD of 5 mega-pixel and resolution 2592X1944
- Cable of USB3.0
- 0.5X video adaptor

4. Software

- Version S1—Geometric measurement and image multiplication
- Version S2—Professional software in individual sector, for example foundry sector, electric power sector, pressure vessel sector and so on
- Version S3—Complete data analysis software including 460 modules for most of industries

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