

# METALLURGICAL MICROSCOPE MSC31-100D



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Metallurgical Microscope is a specialized microscope designed for looking at cross-sections of metal targets, these are employed with high-resolution objective lenses with very short working distances and are usually inverted.

Used in Biological and Chemical Laboratory, Pharmaceutical, Food industry, Medical, Research Institutes, University.

## MSC31-100D METALLURGICAL MICROSCOPE

The integration of structure design to save space. The Microscope has a monocular viewing head inclined at 45° and Ball Beating Quadruple Nosepiece. Valid mould proof design. It can be used under the high temperature and high humidity environment.



### SPECIFICATIONS

Model	MSC31-100D
Viewing Head	
Monocular Head Inclined at 45°	Yes
Sliding Binocular Head Inclined at 45°	No
Sliding Trinocular Head Inclined at 45°	No
Compensation Free Trinocular Head 30°	No
Nosepiece	
Ball Beating Quadruple Nosepiece	Yes
Eyepiece	
WF10 X,WF12.5 X	Yes
WF10X 20 mm	No
Objective	
Metallurgical objectives 10X, 40X, 100X (S, Oil)	Yes
Infinity metallurgical objectives 4X, 10X 20X(S), 40X	No
Stage	
Double Layer Mechanical Stage 242x172 mm moving range 75x50 mm	No
Double Layer Mechanical Stage 135x140 mm moving range 70x50 mm	Yes
Focusing	
Coaxial coarse & fine focusing adjustment with rack and pinion mechanism fine focusing scale value 0.002 mm	Yes
Illumination	
Build-in Illumination, Halogen lamp 6 V / 20 W	Yes
Filter	
Blue, Green, Yellow	Yes
Power Supply	
AC110/220 V ± 10%, 50/60 Hz	Yes

Package Size	
300x400x520 mm	Yes
Gross Weight	
12 kg	Yes



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