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Metallurgical microscope G-D30

Release date : 2020-11-12

Metallographic microscope G-D30 Provide superior image quality and stable and reliable mechanical structure, easy to operate,

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Metallographic microscope

G-D30



Provide superior image quality and stable and reliable mechanical structure, easy to operate, complete accessories, widely used in teaching and scientific research metallographic analysis and factory laboratory material testing.

Eyepiece and objective lens

High eye point, ultra wide field of vision flat eyepiece, PL10x/22mm, provide more broad and flat observation space and can be equipped with all kinds of measuring micrometer for measurement, infinite distance flat field achromatic ultra-long working distance professional metallographic objective lens, no cover glass design.

Observation tube

Hinged three eyes, adjustable visual, 45° tilt, can be used for photography and video, the observation of the image acquisition and preservation, the configuration of computer and professional software to achieve image analysis.



Focusing mechanism

Low hand coarse fine tuning coaxial focusing mechanism, with coarse adjusting elastic adjusting device, coarse adjusting stroke is 38mm per turn, fine tuning precision is 0.002mm.



Lighting system

Reflective Kola illuminator with variable diaphragm and central adjustable field diaphragm, adaptive 90V-240V wide voltage, 12V50W imported halogen lamps, effectively protect and extend the life of halogen bulbs.

Objective table

It can be equipped with coaxial low-hand adjustment mobile ruler and loading platform extension plate to expand the application space and meet different needs of customers.

The optical system	Infinite far chromatic aberration correction optical system
Observation tube	Hinged triocular head, 45° inclined, pupil distance adjustment range: 54-75mm, unilateral visual adjustment ± 5 dioptic spectrophotometric ratio: binocular 100%, binocular: triocular =80%:20%
The eyepiece	High eye-point large field eyepiece PL10X22mm
	High eye point large field eyepiece PL15X/16mm
objective	Infinite long working distance field Achromatic metallographic objective: LMPL5X /0.15 /WD10.8 LMPL10X/0.3 /WD10 LMPL20X/0.45 /WD4
	Infinite long working anomaly field semi-repeater phase objective lens: LMPLFL50X/0.55 /WD7.8 LMPLFL100X/0.80 /WD2.1
converter	Five-hole converter
Focusing mechanism	Coarse fine-tuning coaxial, coarse tuning per rotation stroke: 38mm, fine tuning per rotation stroke: 0.2mm, focusing accuracy: 0.002mm, with elastic adjustment device
Objective table	Fixed platform: 160X250mm
Work table	Metal slide counter (central hole Φ 12)/metal slide counter (central hole Φ 25)/objective table plate
Moving feet	Low coaxial mechanical moving ruler with a stroke of 120x78mm
Reflective lighting system	Reflective Kola illuminator, with variable aperture light bar and center adjustable field light bar, adaptive 90V~240V wide voltage, 12V50W halogen lamp, center adjustable, brightness continuously adjustable

Polarization device	Lift the offset lens insert
	The offset mirror insert can rotate 360 degrees
Color filter	Φ 32 mm yellow/green/blue/neutral
Photography device	Photography socket (with PK bayonet), 3.2X photographic eyepiece
cameras	0.5X/1.0X/ C camera socket

Recommended

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Automatic tool metallographic measuring instrument V400

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Automatic tool metallographic measuring instrument V800

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Automatic tool metallographic measuring instrument V1800

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Automatic tool metallographic measuring instrument V2000

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