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Polarizing microscope G-P40

Release date : 2020-11-12

Polarizing microscopeG-P40New intelligent g-P40, improved stress-relieving imaging system, reflection illuminator, make the image more vivid. Follow HSF environmental protection square, innovate and p

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Polarizing microscope

G-P40



New intelligent g-P40, improved stress-relieving imaging system, reflection illuminator, make the image more vivid. Follow HSF environmental protection square, innovate and practice process environmental protection, based on ergonomic considerate design, make the operation more convenient and comfortable.

Novel, solid Y - shaped frame

The y-type roof structure principle and the rough column design at the bottom and sides, as the main load bearing and lateral force resisting component, bear the larger vertical and horizontal load, greatly reducing the instability caused by external force impact. Back concave part embedded in the new design of the light box, ingeniously create wings shape, highly imaginative and visual beauty. The machine adopts special process powder spraying, which integrates protection, decoration, wear resistance and solvent resistance.

Safe and stable lighting system

The newly designed reflection and reflection lamp room, 12V50W halogen lamp preset center design, filament center need not be adjusted, optimize the upgraded lamp source concentrating system, improve the efficiency of light source.

100-240V adaptive wide voltage electrical system, to ensure the stability of the output voltage, effectively extend the life of the bulb. A new circuit system with master switch button can effectively reduce the consumption of the machine's service life due to voltage input in standby mode.



Professional polarized light rotating platform

160mm large diameter metal working platform, 360° smooth rotation, real-time locking and positioning at any Angle. The platform is sprayed with graphite for anti-corrosion and wear resistance. Special materials for screen printing calibration lines, can avoid long-term operation caused by desalination wear. In addition, users can configure professional mobile ruler to fix and measure samples according to their needs.



The optical system

Infinite far chromatic aberration correction optical system

30° inclined, infinitely far hinged binocular observation tube

Observation tube	30° sloping, infinitely far hinged tee observation tube 30° -60° Adjustable dip Angle, infinitely far hinge binocular observation cylinder
The eyepiece	High eye-point large field eyepiece PL10X/22mm, adjustable visual acuity, can be with measuring ruler, can be with grid plate High eye point large field eyepiece PL15X/16mm
objective	Infinitely long working distance stress-relieving flat field objective lens 5X, 10X, 20X, 50X (semiachromatic aberration) Objective lens 4X, 10X, 20X, 40X, 60X
Focusing mechanism	Low hand coarse and micro coaxial focusing mechanism. Stroke (focusing range) 28mm, fine tuning accuracy 0.002mm. With adjustment and tightening device to prevent sliding and upper limit device to prevent broken slice.
converter	Internal positioning 4 hole adjustable center converter Internal positioning 5 hole adjustable center converter (one of the holes is fixed)
Intermediate lens	With push-pull deviation detection group, the optical path can be removed; Built-in Brissenden mirror, turntable switching mechanism (center, focal length adjustable)
Slant lens group	Offset mirror set, 360° rotation, lattice value 2° , accuracy 6 ' , with locking mechanism
compensator	Lambda piece: phi 18 mm, red (551 nm) optical path difference, lambda / 4: phi 18 mm (147.3 nm) optical path difference, quartz wedges (I - IV level)
Objective table	Rotating metal working platform, surface graphite spraying, anti-corrosion and wear resistance; Diameter: 160mm, 360° rotation, lattice value: 1° , accuracy: 6 ' , with locking device
condenser	Shake out achromatic condenser N.A.2
Lighting system	Upper lighting: adaptive wide voltage 100-240V, reflective lamp room 12V50W, preset center, reflective illuminator, with field diaphragm and aperture diaphragm, including LBD color filter group, with plug and pull type lifting polarizer group

	Lower lighting: adaptive wide voltage 100–240V, reflector room 12V50W, preset center, Cora lighting, with variable field diaphragm
Photographic camera	0.35X/0.5X/0.65X/1X camera socket, C interface, adjustable focus
other	Color filter set for transmission, professional moving ruler, high precision micrometer ruler

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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