

Accessories of Monocular Microscopes

Introduction


There are different accessories, including stands & bases, focus holders, stage, illuminators and objectives, for the customers to choose, meeting different monocular microscopes and application. Innovative configurations and diverse combinations provide you with more choices.

Stand & Base

Code	Photo	Description
BA1		<p>BA1 Round type column plain stand with coarse focus arm. Column height: 318mm, Φ32mm, stroke: 50mm, center to center distance: 143mm, base size: 330mm*300mm.</p>
BA2		<p>BA2 Round type column plain stand with coarse focus arm, transmitted 12V/5W LED illumination, brightness adjustable. Column height: 318mm, Φ32mm, stroke: 50mm, center to center distance: 143mm, base size: 330mm*300mm.</p>

<p>BA3</p>		<p>BA3 Round type column plain stand with coarse and fine focus arm. Column height: 318mm, stroke: 67mm, fine precision: 0.002mm, center to center distance: 143mm, base size: 330mm*300mm.</p>
<p>BA4</p>		<p>BA4 Round type column plain stand with coarse and fine focus arm, transmitted 12V/5W LED illumination, brightness adjustable. Column height: 314mm, stroke: 67mm, fine precision: 0.002mm, center to center distance: 143mm, base size: 330mm*300mm.</p>
<p>BA5</p>		<p>BA5 Square type column plain stand with coarse focus arm. Column height: 325mm, stroke: 150mm, base size: 330mm*300mm.</p>

<p>BA6</p>		<p>BA6 Square type column plain stand with coarse focus arm, transmitted 12V/5W LED illumination, brightness adjustable. Column height: 325mm, stroke: 150mm, base size: 330mm*300mm.</p>
<p>BA7</p>		<p>BA7 Square type column plain stand with coarse and fine focus arm. Column height: 318mm, stroke: 260mm, fine precision: 0.002mm, base size: 330mm*300mm.</p>
<p>BA8</p>		<p>BA8 Square type column plain stand with coarse and fine focus arm, transmitted 12V/5W LED illumination, brightness adjustable. Column height: 314mm, stroke: 260mm, fine precision: 0.002mm, base size: 330mm*300mm.</p>


<p>BA9</p>		<p>BA9 Multi-angle column plain stand with coarse focus arm. Column height: 318mm, Φ32mm, stroke: 60mm, center to center distance: 143mm, base size: 330mm*300mm.</p>
<p>BA10</p>		<p>BA10 Multi-angle column plain stand with coarse and fine focus arm. Column height: 318mm, Φ32mm, stroke: 60mm, fine precision: 0.002mm, center to center distance: 143mm, base size: 330mm*300mm.</p>
<p>BA11</p>		<p>BA11 universal boom stand with coarse focus arm. Column height: 320mm, horizontal column length: 340mm, Φ32mm, 360° rotatable. Base size: 330mm*300mm. Stroke: 50mm.</p>



<p>BA12</p>		<p>BA12 universal boom stand with coarse and fine focus arm. Column height: 320mm, horizontal column length: 340mm, Φ32mm, 360° rotatable. Base size: 330mm*300mm. Stroke: 65mm, fine precision: 0.002mm.</p>
<p>BA13</p>		<p>BA13 Round type column large plain stand with coarse focus arm. Column height: 320mm, Φ25mm, stroke: 50mm, base size: 380mm*260mm. Gross weight: 1.5kg.</p>
<p>BA14</p>		<p>BA14 Three-arm column large plain stand with coarse focus arm and large working stage. Base size: 500mm*400mm Fixed stage size: 400mm*350mm*10mm Stage size: 330mm*300mm*36mm Moving range: 220mm(X)*220mm(Y)</p>

<p>BS-210A</p>		<p>BS-210A Square type column plain stand with coarse focus arm. Column height: 360mm, stoke: 350mm, base size: 375mm*250mm.</p>
<p>BS-600A</p>		<p>BS-600A Square type column plain stand with fine and coarse focus arm. Base size: 380mm*250mm.</p>
<p>BS-600AG</p>		<p>BS-600AG Square type column plain stand with fine and coarse focus arm and cross bar. Base size: 380mm*250mm.</p>
<p>BS-600AMF</p>		<p>BS-600AMF Square type column plain stand with fine and coarse focus arm with multi-functional fixed hole. Base size: 380mm*250mm.</p>

<p>BS-600AMFG</p>		<p>BS-600AMFG Square type column plain stand with fine and coarse focus arm with multi-functional fixed hole and cross bar. Base size: 380mm*250mm.</p>
<p>BS-600B</p>		<p>BS-600B Square type column plain stand with fine and coarse focus arm. Base size: 160mm*250mm.</p>

Focus Holder

Code	Photo	Description
<p>BFA-1</p>		<p>BFA-1 coarse focus arm. Column diameter $\Phi 32\text{mm}$, stroke: 50mm, center to center distance: 143mm.</p>

<p>BFA-2</p>		<p>BFA-2 coarse and fine focus arm. Column diameter $\Phi 32\text{mm}$, stroke: 65mm, fine precision: 0.002mm, center to center distance: 145mm.</p>
<p>BFA-3</p>		<p>BFA-3 multi-angle coarse focus arm, angle adjustable. Column height: $\Phi 32\text{mm}$, stroke: 50mm, center to center distance: 145mm.</p>
<p>BFA-4</p>		<p>BFA-4 multi-angle coarse and fine focus arm, angle adjustable. Column height: $\Phi 32\text{mm}$, stroke: 60mm, fine precision: 0.002mm, center to center distance: 145mm.</p>

<p>BFA-5</p>		<p>BFA-5 electric coarse and fine focus arm, supporting manual focusing and electric focusing. It has 5 preset positions, paired with 5 different magnification objectives. Column height: $\Phi 32\text{mm}$, stroke: 65mm, fine precision: 0.005mm, center to center distance: 145mm.</p>
<p>BFA-6</p>		<p>BFA-6 N interface coarse focus arm. Column diameter $\Phi 32\text{mm}$, stroke: 50mm, center to center distance: 145mm.</p>
<p>BFA-7</p>		<p>BFA-7 N interface coarse and fine focus arm. Column diameter $\Phi 32\text{mm}$, stroke: 65mm, fine precision: 0.002mm, center to center distance: 145mm.</p>

Display

Code	Photo	Description
HD1080P116A		<p>11.6inch TFT LCD display with cross bar Maximum resolution: 1920*1080 Maximum brightness: 400cd/m² Power input: DC 12V Interface: HDMI Size: 282mm (W)*181mm (H)*8mm (T)</p>


Stage

Code	Photo	Description
BMS-302		<p>BMS-302 X-Y stage Stage size: 180mm*155mm*26mm Moving range:75mm(X)*55mm(Y) Round glass stage diameter: Φ95mm</p>
BMS-303		<p>BMS-303 X-Y stage Stage size: 180mm*155mm*26mm Moving range:75mm(X)*55mm(Y) Round glass stage diameter: Φ95mm (360° rotatable)</p>



<p>BMS-311</p>		<p>BMS-311 Measurement stage Stage size: 140mm*140mm*36mm Connecting size: Φ95mm Glass stage: Φ95mm Moving range: 75mm*55mm Precision resolution: 0.001mm</p>
<p>BMS-316A</p>		<p>BMS-316A Measurement stage Stage size: 160mm*160mm*42mm Glass stage: Φ95mm Moving range: 50mm*50mm.</p>
<p>BS-316B</p>		<p>BMS-316B Measurement stage Stage size: 160mm*160mm*50mm Glass stage: Φ95mm, 360° rotatable Moving range: 50mm*50mm.</p>

<p>BMS-400A</p>		<p>BMS-400A large working stage Fixed stage size: 400mm*350mm*10mm Stage size: 330mm*300mm*36mm Moving range: 220mm(X)*220mm(Y)</p>
<p>BMS-260A</p>		<p>BMS-260A XY working stage Stage size: 260mm*180mm*32mm Moving range: 110mm(X)*102mm(Y) The size of glass: 145mm*115mm</p>

Illuminator


Code	Photo	Description
<p>BAL-80A</p>		<p>BAL-80A LED ring light, brightness continuously adjustable, white color (color temperature: 6000-6500K), 80 LED arranged in three rows. Illuminance: 8000-9000mcd, input voltage: AC 110-240V, output voltage: 12V. Working distance: 35-110mm, inner diameter Φ28mm, outer diameter Φ68mm, height 24mm.</p>

<p>BAL3-48A</p>		<p>BAL3-48A ring light, 48 LED arranged in two rows. Inner diameter Φ40mm, outer diameter Φ65mm, height 24mm.</p>
<p>BAL3-60A</p>		<p>BAL3-60A ring light, 60 LED arranged in two rows. Inner diameter Φ40mm, outer diameter Φ85mm, height 24mm.</p>
<p>BAL3-48AP</p>		<p>BAL3-48AP LED polarizing ring light, 48 LED arranged in two rows. Inner diameter Φ40mm, outer diameter Φ65mm, height 28mm.</p>
<p>BAL-52AP</p>		<p>BAL-52AP LED polarizing ring light, brightness continuously adjustable, white color (red, yellow, blue, green and infrared 850nm/950nm for optional), 52 LED arranged in double rows. Illuminance: 8000-9000mcd, wavelength: 455-457.5nm, input voltage: AC 110-240V, output voltage: 12V, output power: 3-5W. Working distance: 35-110mm, inner diameter Φ32mm, outer diameter Φ58mm, height 32mm.</p>

<p>BAL-52ASL</p>		<p>BAL-52ASL LED side ring light, brightness continuously adjustable, white color (red, yellow, blue, green and infrared 850nm/950nm for optional), 52 LED arranged in double rows. Illuminance: 8000-9000mcd, wavelength: 455-457.5nm, input voltage: AC 110-240V, output voltage: 12V, output power: 3-5W. Working distance: 35-110mm, inner diameter Φ32mm, outer diameter Φ58mm, height 25mm, applicable to Φ32mm column.</p>
<p>BAL-228A</p>		<p>BAL-228A LED four-zone ring light, 228 LED. White color, color temperature: 6000-7000K, wavelength: 450-465nm. Input voltage: 12V/2A, output power: 13W. Working distance: 35-110mm, outer diameter Φ118mm, inner diameter Φ40.1mm, height: 19mm.</p>
<p>BAL-228AG</p>		<p>BAL-228AG LED four-zone ring light with frosted glass, 228 LED. White color, color temperature: 6000-7000K, wavelength: 450-465nm. Input voltage: 12V/2A, output power: 13W. Working distance: 35-110mm, outer diameter Φ138mm, inner diameter Φ40.1mm, height: 22mm.</p>

<p>BAL-16P</p>		<p>BAL-16P LED polarizing ring light, 16 LED, white color, brightness adjustable. Input voltage: DC24V/220mA. Working distance: 40-120mm, outer diameter $\Phi 66$, inner diameter $\Phi 35$.</p>
<p>BTL-37A</p>		<p>BTL-37A LED transmitted light, the diameter of the lighting area is 37mm. Outer diameter $\Phi 95$, height 26mm.</p>
<p>BTL-60A</p>		<p>BTL-60A LED back light, 60 LED, white color. Illuminance:30000Lux, wavelength: 455-457.5nm. Output voltage: 12V/24V(optional), output power: 3.5-5W. Working distance: 50-80mm, size: 73mm*61mm*16mm.</p>
<p>BCL-1A</p>		<p>BCL-1A coaxial light. Point light with coaxial light adapter. Power supply 12V/1A.</p>


<p>BPL-3A</p>		<p>BPL-3A LED point light, 3W, white color (red, blue, green, purple for optional), brightness adjustable. Input voltage: 95-240V/AC 50/60Hz, output: 3.0-4.3V DC. Clear aperture: Φ8mm, Φ9mm, Φ10mm and Φ11mm(standard) for optional.</p>
<p>BPL-3MC</p>		<p>BPL-3MC LED multi color point light, 3W, white, purple, blue, yellow, red, green and mixed light, brightness adjustable. Input voltage: 95-240V/AC 50/60Hz, output: 3.0-4.3V DC. Clear aperture: Φ8mm, Φ9mm, Φ10mm and Φ11mm(standard) for optional.</p>
<p>BPL-4A</p>		<p>BPL-4A LED point light with numerically adjustable light adapter, 4W, white color (red, blue, green, purple for optional), brightness adjustable. Input voltage: DC 12V/1A. Clear aperture: Φ8mm, Φ9mm, Φ10mm and Φ11mm(standard) for optional.</p>

<p>BBL-5A</p>		<p>BBL-5A bar LED illuminator, 60 LED, 12V/5W, applicable to $\Phi 32$mm column. Wide field of view lighting, suitable for low magnification.</p>
<p>BSL-3B</p>		<p>BSL-3B goose neck LED illuminator, 2 LED lamps, brightness adjustable. Easy change detachable goose neck light guide, angle can be adjusted. Color temperature: 6500K. Input voltage: AC 110-240V/50-60Hz, power consumption: 6.5W, Goose neck length: 400mm(standard), 500mm for optional.</p>
<p>BSL-15A</p>		<p>BSL-15A LED light source, brightness adjustable. Color temperature: 6000K. 15W LED lamp. Input voltage: 100V-240V/50-60Hz.</p> <p>Single Rigid Fiber, length 550mm, diameter 8mm, with Condenser, 5/8" Standard Interface.</p> <p>Double Rigid Fiber, length 550mm, diameter 8mm, with Condenser, 5/8" Standard Interface.</p> <p>Ring Flexible Fiber, length 550mm, diameter 8mm, 5/8" Standard Interface, Adapter Ring Size $\Phi 50$mm/ $\Phi 60$mm.</p>

<p>BSL2-150A</p>		<p>BSL2-150A Cold light source, brightness adjustable. Color temperature: 3000K. 21V/150W lamp. Input voltage: 176V-265V, 50Hz (110V is optional). Filter holder is available to change the color temperature from 3000K to 5000K.</p> <p>Single Rigid Fiber, length 550mm, diameter 8mm, with Condenser, 5/8" Standard Interface.</p> <p>Double Rigid Fiber, length 550mm, diameter 8mm, with Condenser, 5/8" Standard Interface.</p> <p>Ring Flexible Fiber, length 550mm, diameter 8mm, 5/8" Standard Interface, Adapter Ring Size Φ50mm/ Φ60mm.</p>
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Objectives

Model	Photo	Code	Description
Infinity Long Working Distance Plan Apochromatic Objectives		LWD M APO200A-2X	2X/ NA=0.055, WD=34.6mm
		LWD M APO200A-3.5X	3.5X/ NA=0.1, WD=40.93mm
		LWD M APO200A-5X	5X/ NA=0.13, WD=44.5mm
		LWD M APO200A-10X	10X/ NA=0.28, WD=34mm
		LWD M APO200A-20X	20X/ NA=0.29, WD=31mm
		LWD M APO200A-50X	50X/ NA=0.42, WD=20.1mm
Infinity Long Working Distance Plan Apochromatic Objectives		LWD M APO200B-2X	2X/ NA=0.075, WD=50mm
		LWD M APO200B-4X	4X/ NA=0.15, WD=36mm
		LWD M APO200B-4.5X	4.5X/ NA=0.18, WD=38mm
		LWD M APO200B-20X	20X/ NA=0.35, WD=29mm

Infinity Plan Achromatic Objectives (No Coverslip)		MA200A-2.5X	2.5X/ NA=0.07, WD=11mm
		MA200A-5X	5X/ NA=0.12, WD=26.1mm
		MA200A-10X	10X/ NA=0.25, WD=20.2mm
		MA200A-20X	20X/ NA=0.4, WD=8.8mm
		MA200A-40X	40X/ NA=0.6, WD=3.98mm
		MA200A-50X	50X/ NA=0.7, WD=3.68mm
		MA200A-60XA	60X/ NA=0.75, WD=1.22mm
		MA200A-60XB	60X/ NA=0.75, WD=3.18mm
		MA200A-80X	80X/ NA=0.8, WD=1.25mm
		MA200A-100X	100X/ NA=0.85, WD=0.4mm