



BIOLOGICAL MICROSCOPE

BIOLOGICAL MICROSCOPE

Digital Biological Microscope is an optical microscope that is primarily designed to observe cells, tissues as well as other biological specimens. Magnification range anywhere from 10x - 1,000x or more by attaching multiple objective lenses.

Used in University, Medical, Laboratory, Research, Pharmaceutical.

BMIC-201 BIOLOGICAL MICROSCOPE



The Microscope has viewing Head of Sliding Trinocular which is inclined at 45°. It has a valid mould proof design and can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| Model | BMIC-201 |
|--|----------|
| Viewing Head | |
| Sliding Trinocular Head Inclined at 45° | Yes |
| Compensation Free Trinocular Head inclined at 30° | No |
| 10° LCD | No |
| Nosepiece | |
| Ball Beating Quadruple Nosepiece | Yes |
| Eyepiece | |
| WF10X/ 18mm | Yes |
| Objective | |
| Achromatic 4X, 10X, 40X(S) 100X(S,O) | Yes |
| Plan Achromatic 4X, 10X, 40X(S) 100X(S,O) | No |
| Stage | |
| Double Layer Mechanical Stage 135x140mm | Yes |
| Condenser | |
| ABBE NA1.25 condenser with Iris Diaphragm & filter, rack&pinion adjustable | Yes |
| Illumination | |
| Build-in Illumination, Halogen lamp 6 V / 20 W, Power supply 90-230 V | Yes |
| Power Supply | |
| AC110/220 V +10 % , 50/60 Hz | Yes |
| Package | |
| Cartoon with foam | Yes |
| Package Size | |
| 250x360x460 mm | Yes |
| Gross Weight | |

BMIC-202 BIOLOGICAL MICROSCOPE



The integration of structure design to save space. Viewing Head is Sliding Trinocular inclined at 45°. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| Model | BMIC-202 |
|--|----------|
| Viewing Head | |
| Sliding Trinocular Head Inclined at 45° | Yes |
| Compensation Free Trinocular Head inclined at 30° | No |
| 10° LCD | No |
| Nosepiece | |
| Ball Beating Quadruple Nosepiece | Yes |
| Eyepiece | |
| WF10X/ 18mm | Yes |
| Objective | |
| Achromatic 4X, 10X, 40X(S) 100X(S,O) | Yes |
| Plan Achromatic 4X, 10X, 40X(S) 100X(S,O) | No |
| Stage | |
| Double Layer Mechanical Stage 135x140mm | Yes |
| Condenser | |
| ABBE NA1.25 condenser with Iris Diaphragm & filter, rack&pinion adjustable | Yes |
| Illumination | |
| Build-in Illumination, Halogen lamp 6 V / 20 W, Power supply 90-230 V | Yes |
| Power Supply | |
| AC110/220 V +10 % , 50/60 Hz | Yes |
| Package | |
| Cartoon with foam | Yes |
| Package Size | |
| 250x360x460 mm | Yes |
| Gross Weight | |
| 8 kg | Yes |

BMIC-203 BIOLOGICAL MICROSCOPE



Viewing head is compensation Free Trinocular which is inclined at 30°. The integration of structure is designed to save space and be valid mould proof. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| Model | BMIC-203 |
|--|----------|
| Viewing Head | |
| Sliding Trinocular Head Inclined at 45° | No |
| Compensation Free Trinocular Head inclined at 30° | Yes |
| 10° LCD | No |
| Nosepiece | |
| Ball Beating Quadruple Nosepiece | Yes |
| Eyepiece | |
| WF10X/ 18mm | Yes |
| Objective | |
| Achromatic 4X, 10X, 40X(S) 100X(S,O) | No |
| Plan Achromatic 4X, 10X, 40X(S) 100X(S,O) | Yes |
| Stage | |
| Double Layer Mechanical Stage 135x140mm | Yes |
| Condenser | |
| ABBE NA1.25 condenser with Iris Diaphragm & filter, rack&pinion adjustable | Yes |
| Illumination | |
| Build-in Illumination, Halogen lamp 6 V / 20 W, Power supply 90-230 V | Yes |
| Power Supply | |
| AC110/220 V +10 % , 50/60 Hz | Yes |
| Package | |
| Cartoon with foam | Yes |
| Package Size | |
| 250x360x460 mm | Yes |
| Gross Weight | |
| 8 kg | Yes |

BMIC-204 BIOLOGICAL MICROSCOPE



The Microscope has a Ball bearing quadruple nosepiece. It comes with an optional plan achromatic objective. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|--|----------|
| Model | BMIC-204 |
| Viewing Head | |
| Sliding Trinocular Head Inclined at 45° | No |
| Compensation Free Trinocular Head inclined at 30° | No |
| 10° LCD | Yes |
| Nosepiece | |
| Ball Beating Quadruple Nosepiece | Yes |
| Eyepiece | |
| WF10X/ 18mm | Yes |
| Objective | |
| Achromatic 4X, 10X, 40X(S) 100X(S,O) | Yes |
| Plan Achromatic 4X, 10X, 40X(S) 100X(S,O) | Optional |
| Stage | |
| Double Layer Mechanical Stage 135x140mm | Yes |
| Condenser | |
| ABBE NA1.25 condenser with Iris Diaphragm & filter, rack&pinion adjustable | Yes |
| Illumination | |
| Build-in Illumination, Halogen lamp 6 V / 20 W, Power supply 90-230 V | Yes |
| Power Supply | |
| AC110/220 V +10 % , 50/60 Hz | Yes |
| Package | |
| Cartoon with foam | Yes |
| Package Size | |
| 250x360x460 mm | Yes |
| Gross Weight | |
| 8 kg | Yes |

BMIC-205-A BIOLOGICAL MICROSCOPE



The model is equipped with seidentopf binocular viewing head inclined at 30° and has a finite optical system. Also, has a valid mould proof design.

SPECIFICATIONS

| | |
|---|------------|
| Model | BMIC-205-A |
| Infinite Optical System | NA |
| Finite Optical System | Standard |
| Viewing Head | |
| Seidentopf Binocular Viewing Head Inclined at 30°, Interpupillary 47-78mm | Standard |
| Seidentopf Trinocular Viewing Head Inclined at 30°, Interpupillary 47-78mm | NA |
| Seidentopf Binocular Viewing Head, 30° Inclined, Interpupillary 48-75mm | NA |
| Seidentopf Trinocular Viewing Head, 30° Inclined, Interpupillary 48-75 mm | NA |
| MD101 Microscope Camera with HD Monitor, 5M pixels, Color CMOS | Optional |
| Eyepiece | |
| Wide Field Eyepiece WF 10X/ 18 | Standard |
| Extra Wide Field Eyepiece EW10X/ 20 with Diopter Adjustment | NA |
| Objective | |
| Achromatic Objective 4X,10X ,40X ,100X | Standard |
| Infinite Semi-plan Achromatic Objectives 4x ,10x , 40x ,100x | NA |
| Infinite Plan Achromatic Objectives 4X,10X, 40X,100X | NA |
| Nosepiece | |
| Backward Quadruple Nosepiece | Standard |
| Quadruple Nosepiece | NA |
| Stage | |
| Double Layers Mechanical Stage 140 mm x140 mm / 75 mm x 50 mm | Standard |
| Condensor | |
| NA1.25 Abbe Condenser | Standard |
| Dark Field Condensor (Dry,Oil) | Optional |
| Condenser | |
| Sliding-in Centerable condenser NA1.25 | NA |
| Focusing System | |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm. Coarse Stroke 37.7 mm per Rotation, Fine Stroke 0.2 mm per Rotation, Moving Range 20 mm | NA |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm, Moving Range 25 mm | Standard |
| Illumination | |
| 6 V /20 W Halogen Lamp, Brightness Adjustable | Optional |

| | |
|---|----------|
| S-LED Illumination, Brightness Adjustable | Standard |
| Accessories | |
| Phase Contrast Kit, Fluorescent Attachment, Polarization Set | Optional |
| Power Supply | |
| AC 110~220 V, 50/60 Hz | Standard |
| Packing Size | |
| 380x270x470 mm (MSC21-05 Main body) 350x350x640 mm (MSC21-07) | Standard |
| Gross Weight | |
| 8.5 kg (MSC21-05 Main body) ; 12kg (MSC21-07) | Standard |

BMIC-205-B BIOLOGICAL MICROSCOPE



The model is principally with seidentopf trinocular viewing head which is inclined at 30° and has a finite optical system. The design is mould proof and can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|--|------------|
| Model | BMIC-205-B |
| Infinite Optical System | NA |
| Finite Optical System | Standard |
| Viewing Head | |
| Seidentopf Binocular Viewing Head Inclined at 30°, Interpupillary 47-78mm | NA |
| Seidentopf Trinocular Viewing Head Inclined at 30°, Interpupillary 47-78mm | Optional |
| Seidentopf Binocular Viewing Head, 30° Inclined, Interpupillary 48-75mm | NA |
| Seidentopf Trinocular Viewing Head, 30° Inclined, Interpupillary 48-75 mm | NA |
| MD101 Microscope Camera with HD Monitor, 5M pixels, Color CMOS | Optional |
| Eyepiece | |
| Wide Field Eyepiece WF 10X/ 18 | Standard |
| Extra Wide Field Eyepiece EW10X/ 20 with Diopter Adjustment | NA |
| Objective | |
| Achromatic Objective 4x ,10x ,40x ,100x | Standard |
| Infinite Semi-plan Achromatic Objectives 4X,10X , 40X ,100X | NA |
| Infinite Plan Achromatic Objectives 4X,10X , 40X ,100X | NA |
| Nosepiece | |
| Backward Quadruple Nosepiece | Standard |
| Quadruple Nosepiece | NA |
| Stage | |
| Double Layers Mechanical Stage 140 mm x140 mm / 75 mm x 50 mm | Standard |
| Condensor | |

| | |
|---|----------|
| NA1.25 Abbe Condenser | Standard |
| Dark Field Condensor (Dry, Oil) | Optional |
| Condenser | |
| Sliding-in Centerable condenser NA1.25 | NA |
| Focusing System | |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm. Coarse Stroke 37.7 mm per Rotation, Fine Stroke 0.2 mm per Rotation, Moving Range 20 mm | NA |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm, Moving Range 25 mm | Standard |
| Illumination | |
| 6 V /20 W Halogen Lamp, Brightness Adjustable | Optional |
| S-LED Illumination, Brightness Adjustable | Standard |
| Accessories | |
| Phase Contrast Kit, Fluorescent Attachment, Polarization Set | Optional |
| Power Supply | |
| AC 110~220 V, 50/60 Hz | Standard |
| Packing Size | |
| 380x270x470 mm (MSC21-06 Main body) 350x350x640 mm (MSC21-08) | Standard |
| Gross Weight | |
| 8.5 kg (MSC21-06 Main body) ; 12kg (MSC21-08) | Standard |

BMIC-206-A BIOLOGICAL MICROSCOPE



The Microscope is equipped with an infinite optical system with a seidentopf binocular viewing head inclined at 30°. The design is valid mould proof which can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|--|------------|
| Model | BMIC-206-A |
| Infinite Optical System | Standard |
| Finite Optical System | NA |
| Viewing Head | |
| Seidentopf Binocular Viewing Head Inclined at 30°, Interpupillary 47-78mm | NA |
| Seidentopf Trinocular Viewing Head Inclined at 30°, Interpupillary 47-78mm | NA |
| Seidentopf Binocular Viewing Head, 30° Inclined, Interpupillary 48-75mm | Standard |
| Seidentopf Trinocular Viewing Head, 30° Inclined, Interpupillary 48-75 mm | NA |
| MD101 Microscope Camera with HD Monitor, 5M pixels, Color CMOS | Optional |
| Eyepiece | |
| Wide Field Eyepiece WF 10X/ 18 | Standard |
| Extra Wide Field Eyepiece EW10 x/ 20 with Diopter Adjustment | Optional |

| | |
|---|----------|
| Objective | |
| Achromatic Objective 4X,10X ,40X,100X | NA |
| Infinite Semi-plan Achromatic Objectives 4x ,10x , 40x ,100x | Standard |
| Infinite Plan Achromatic Objectives 4X,10X, 40X,100X | Optional |
| Nosepiece | |
| Backward Quadruple Nosepiece | NA |
| Quadruple Nosepiece | Standard |
| Stage | |
| Double Layers Mechanical Stage 140 mm x140 mm / 75 mm x 50 mm | Standard |
| Condensor | |
| NA1.25 Abbe Condenser | NA |
| Dark Field Condensor (Dry, Oil) | NA |
| Condenser | |
| Sliding-in Centerable condenser NA1.25 | Standard |
| Focusing System | |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm, Coarse Stroke 37.7 mm per Rotation, Fine Stroke 0.2 mm per Rotation, Moving Range 20 mm | Standard |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm, Moving Range 25 mm | NA |
| Illumination | |
| 6 V /20 W Halogen Lamp, Brightness Adjustable | Optional |
| S-LED Illumination, Brightness Adjustable | Standard |
| Accessories | |
| Phase Contrast Kit, Fluorescent Attachment, Polarization Set | Optional |
| Power Supply | |
| AC 110~220 V, 50/60 Hz | Standard |
| Packing Size | |
| 380x270x470 mm (MSC21-05 Main body) 350x350x640 mm (MSC21-07) | Standard |
| Gross Weight | |
| 8.5 kg (MSC21-05 Main body) ; 12kg (MSC21-07) | Standard |

BMIC-206-B BIOLOGICAL MICROSCOPE



The Microscope is equipped with an infinite optical system with seidentopf trinocular viewing head inclined at 30°. It has a valid mould proof design that can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|-------------------------|------------|
| Model | BMIC-206-B |
| Infinite Optical System | Standard |

| | |
|---|----------|
| Finite Optical System | NA |
| Viewing Head | |
| Seidentopf Binocular Viewing Head Inclined at 30°, Interpupillary 47-78mm | NA |
| Seidentopf Trinocular Viewing Head Inclined at 30°, Interpupillary 47-78mm | NA |
| Seidentopf Binocular Viewing Head, 30° Inclined, Interpupillary 48-75mm | NA |
| Seidentopf Trinocular Viewing Head, 30° Inclined, Interpupillary 48-75 mm | Optional |
| MD101 Microscope Camera with HD Monitor, 5M pixels, Color CMOS | Optional |
| Eyepiece | |
| Wide Field Eyepiece WF 10X/ 18 | Standard |
| Extra Wide Field Eyepiece EW10 x/ 20 with Diopter Adjustment | Optional |
| Objective | |
| Achromatic Objective 4x ,10x ,40x ,100x | NA |
| Infinite Semi-plan Achromatic Objectives 4X ,10X , 40X ,100X | Standard |
| Infinite Plan Achromatic Objectives 4X ,10X , 40X ,100X | Optional |
| Nosepiece | |
| Backward Quadruple Nosepiece | NA |
| Quadruple Nosepiece | Standard |
| Stage | |
| Double Layers Mechanical Stage 140 mm x140 mm / 75 mm x 50 mm | Standard |
| Condensor | |
| NA1.25 Abbe Condenser | NA |
| Dark Field Condensor (Dry, Oil) | NA |
| Condenser | |
| Sliding-in Centerable condenser NA1.25 | Standard |
| Focusing System | |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm, Coarse Stroke 37.7 mm per Rotation, Fine Stroke 0.2 mm per Rotation, Moving Range 20 mm | Standard |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm, Moving Range 25 mm | NA |
| Illumination | |
| 6 V /20 W Halogen Lamp, Brightness Adjustable | Optional |
| S-LED Illumination, Brightness Adjustable | Standard |
| Accessories | |
| Phase Contrast Kit, Fluorescent Attachment, Polarization Set | Optional |
| Power Supply | |
| AC 110~220 V, 50/60 Hz | Standard |
| Packing Size | |
| 380x270x470 mm (MSC21-06 Main body) 350x350x640 mm (MSC21-08) | Standard |
| Gross Weight | |
| 8.5 kg (MSC21-06 Main body) ; 12kg (MSC21-08) | Standard |

BMIC-207 BIOLOGICAL MICROSCOPE



The Microscope has a compensation free binocular head inclined at 30° with camera system of 1.3M pixel. As well as Abbe NA1.20 with Iris Diaphragm condenser & Filter. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|---|----------|
| Model | BMIC-207 |
| Compensation Free Binocular Head, Inclined at 30°, Interpupillary Distance 48-75 mm | Standard |
| Camera System | |
| Valid Pixel 1280x1024 (1.3M Pixel) | Standard |
| Valid Pixel 1600x1200 (2.0M Pixel) | Optional |
| Valid Pixel 2048x1036 (3.0M Pixel) | NA |
| Valid Pixel 2052x1944(5.0 M Pixel) | NA |
| Output Mode USB 2.0 | Standard |
| Operation System WINDOWS7/8 2000 / XP/VISTA | Standard |
| Software Scopelimage 9.0 | Standard |
| Range of Viewing Field >90%(BMB-117M); 18 mm(BMB-300M) | Standard |
| Eyepiece | |
| WF10X/18 | Standard |
| P16 X/11 | Optional |
| Extra wide filed eyepiece EW10x/20 with diopter adjustment | NA |
| Objective | |
| Achromatic Objective 4X, 10X, 40X, 100X | Standard |
| Infinite plan Achromatic Objective 4X, 10X, 40X, 100X | Optional |
| Infinite Plan Achromatic Phase Objective 10X,20X,40X,100X | NA |
| Oil Darkfield Objective with Iris Diaphragm 100X (NA0.36-1.25) | NA |
| Nosepiece | |
| Backward Quadruple Nosepiece | Standard |
| Quintuple Nosepiece | NA |
| Quadruple Nosepiece | NA |
| Stage | |
| Double Layers Mechanical Stage 140x140 mm, Moving range 75x50 mm | Standard |
| Condenser | |
| Abbe NA1.20 with Iris Diaphragm & Filter | Standard |
| Swing Condenser N.A.0.9/0.25 | NA |
| Turret Phase Contrast Condenser | NA |
| Dark Field Condenser (Dry) | NA |

| | |
|--|----------------|
| Dark Field Condenser (Oil) | NA |
| Focusing | |
| Coaxial Coarse & Fine Adjustment System, Range 24 mm, Fine Division 0.004 mm | Standard |
| Coaxial Coarse & Fine Adjustment System, Range 20 mm | NA |
| Illumination | |
| LED 3W, Brightness Adjustable | Standard |
| Halogen Lamp 6 V/20 W, Brightness Adjustable | Optional |
| S-LED Powerful Illumination | NA |
| Power Supply | |
| AC 110~220 V, 50/60 Hz | Standard |
| Accessories | |
| Phase Contrast Kit | Optional |
| Dark-Field Attachment | Optional |
| Polarization Attachment | Optional |
| Package Size | 396x262x492 mm |
| Gross Weight | 7.5 kg |

BMIC-208 BIOLOGICAL MICROSCOPE



The microscope has a compensation free binocular head inclined at 30° with optional camera system of 0.5M pixel. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|---|----------|
| Model | BMIC-208 |
| Compensation Free Binocular Head, Inclined at 30°, Interpupillary Distance 48-75 mm | Standard |
| Camera System | |
| Valid Pixel 1280x1024 (1.3M Pixel) | NA |
| Valid Pixel 1600x1200 (2.0M Pixel) | NA |
| Valid Pixel 2048x1036 (3.0M Pixel) | Standard |
| Valid Pixel 2052x1944(5.0 M Pixel) | Optional |
| Output Mode USB 2.0 | Standard |
| Operation System WINDOWS7/8 2000 / XP/VISTA | Standard |
| Software Scopelimage 9.0 | Standard |
| Range of Viewing Field >90% (BMB-117M); 18 mm(BMB-300M) | Standard |
| Eyepiece | |
| WF10X/18 | Standard |
| P16 X/11 | NA |
| Extra wide filed eyepiece EW10x/20 with diopter adjustment | Optional |

| | |
|--|----------------|
| Objective | |
| Achromatic Objective 4X, 10X, 40X, 100X | Optional |
| Infinite plan Achromatic Objective 4X, 10X, 40X, 100X | Standard |
| Infinite Plan Achromatic Phase Objective 10X,20X,40X,100X | Optional |
| Oil Darkfield Objective with Iris Diaphragm 100X (NA0.36-1.25) | Optional |
| Nosepiece | |
| Backward Quadruple Nosepiece | NA |
| Quintuple Nosepiece | Optional |
| Quadruple Nosepiece | Standard |
| Stage | |
| Double Layers Mechanical Stage 140x140 mm, Moving range 75x50 mm | Standard |
| Condenser | |
| Abbe NA1.20 with Iris Diaphragm & Fliter | NA |
| Swing Condenser N.A.0.9/0.25 | Standard |
| Turret Phase Contrast Condenser | Optional |
| Dark Field Condenser (Dry) | Optional |
| Dark Field Condenser (Oil) | Optional |
| Focusing | |
| Coaxial Coarse & Fine Adjustment System, Range 24 mm, Fine Division 0.004 mm | NA |
| Coaxial Coarse & Fine Adjustment System, Range 20 mm | Standard |
| Illumination | |
| LED 3W, Brightness Adjustable | NA |
| Halogen Lamp 6 V/20 W, Brightness Adjustable | NA |
| S-LED Powerful Illumination | Standard |
| Power Supply | |
| AC 110~220 V, 50/60 Hz | Standard |
| Accessories | |
| Phase Contrast Kit | Optional |
| Dark-Field Attachment | Optional |
| Polarization Attachment | Optional |
| Package Size | 334X334X533 mm |
| Gross Weight | 12.5 kg |

BMIC-301 BIOLOGICAL MICROSCOPE



The model has a sliding binocular viewing head at 45° which is 360° rotatable. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|--|----------|
| Model | BMIC-301 |
| Viewing Head | |
| Sliding binocular head at 45°, 360° rotatable | Standard |
| Sliding trinocular head at 45°, 360° rotatable | NA |
| Eyepiece | |
| Eyepiece WF10 x/ 18 with scale of crosshair | Standard |
| Eyepiece WF 10 x/18 | Standard |
| Objective | |
| Strain free achromatic objective 4X, 10X, 40X | Standard |
| Nosepiece | |
| Toward quadruple nosepiece, center adjustable | Standard |
| Analyzer | |
| Rotatable analyzer with gradation 0°- 90° | Standard |
| Bertrand Lens | |
| Bertrand lens, sliding in/ out of optical path | Standard |
| Optical Compensator | |
| λ slip(first class red) | Standard |
| $\frac{1}{4} \lambda$ slip | Standard |
| Quartz wedge | Standard |
| Revolving Round Stage | |
| Diameter Φ 160 mm, graduated in 1° increments, Minimum resolution 6' when using vernier scale | Standard |
| Condenser | |
| Abbe condenser with Iris diaphragm & filter | Standard |
| Focusing | |
| Coaxial coarse & fine adjustment, range 28 mm, fine division 0.002 mm | Standard |
| Polarizer | |
| Sliding in/out of optical path, located on the top of collector | Standard |
| Illumination | |
| 6 V / 20 W halogen lamp, brightness adjustable | Standard |
| Power Supply | |
| AC 110-220 V , 50/60 Hz | Standard |
| Package Size | |
| 327x273x425 mm | Standard |
| Gross Weight | |
| 7.5kg | Standard |

BMIC-302 BIOLOGICAL MICROSCOPE



The model has a sliding trinocular viewing head at 45° which is 360° rotatable. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|--|----------|
| Model | BMIC-302 |
| Viewing Head | |
| Sliding binocular head at 45°, 360° rotatable | NA |
| Sliding trinocular head at 45°, 360° rotatable | Standard |
| Eyepiece | |
| Eyepiece WF10 x/ 18 with scale of crosshair | Standard |
| Eyepiece WF 10 X/18 | Standard |
| Objective | |
| Strain free achromatic objective 4X , 10X , 40X | Standard |
| Nosepiece | |
| Toward quadruple nosepiece, center adjustable | Standard |
| Analyzer | |
| Rotatable analyzer with gradation 0°- 90° | Standard |
| Bertrand Lens | |
| Bertrand lens, sliding in/ out of optical path | Standard |
| Optical Compensator | |
| λ slip(first class red) | Standard |
| $\frac{1}{4}$ λ slip | Standard |
| Quartz wedge | Standard |
| Revolving Round Stage | |
| Diameter Φ 160 mm, graduated in 1° increments, Minimum resolution 6' when using vernier scale | Standard |
| Condenser | |
| Abbe condenser with Iris diaphragm & filter | Standard |
| Focusing | |
| Coaxial coarse & fine adjustment, range 28 mm, fine division 0.002 mm | Standard |
| Polarizer | |
| Sliding in/out of optical path, located on the top of collector | Standard |
| Illumination | |
| 6 V / 20 W halogen lamp, brightness adjustable | Standard |
| Power Supply | |
| AC 110-220 V , 50/60 Hz | Standard |

| | |
|----------------|----------|
| Package Size | |
| 327x273x425 mm | Standard |
| Gross Weight | |
| 7.5kg | Standard |

BMIC-401 BIOLOGICAL MICROSCOPE



The model is of binocular viewing head with fluorescent straight illumination. The integration of structure design to save space. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|-----------------------------------|--|
| Model | BMIC-401 |
| Viewing Head | Binocular head |
| Fluorescent Straight Illumination | B(Blue), G(Green) exciting light filter system O ordinary light system 100 W HBO super high-pressured spherical mercury lamp |
| Protection Screen | Screen to resist the UV |
| Power | AC input 220 V |
| Connecting Wire | With 2 connectors |
| Fluorescent Free Objective | 10X, 20X, 40X (S), 100X (S, Oil) |
| Immersion Oil | Fluorescent free oil |
| Power Supply | AC110 / 220 V \pm 10 % , 50/60 Hz |
| Package Size | 440x340x220 mm |
| Gross Weight | 17 kg |

BMIC-402 BIOLOGICAL MICROSCOPE



The model is of trinocular viewing head with fluorescent straight illumination. The integration of structure design to save space. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|-----------------------------------|--|
| Model | BMIC-402 |
| Viewing Head | Trinocular head |
| Fluorescent Straight Illumination | B(Blue), G(Green) exciting light filter system O ordinary light system 100 W HBO super high-pressured spherical mercury lamp |
| Protection Screen | Screen to resist the UV |
| Power | AC input 220 V |
| Connecting Wire | With 2 connectors |
| Fluorescent Free Objective | 10X, 20X, 40X (S), 100X (S, Oil) |
| Immersion Oil | Fluorescent free oil |
| Power Supply | AC110 / 220 V \pm 10 % , 50/60 Hz |
| Package Size | 460x350x250 mm |
| Gross Weight | 17 kg |

BMIC-501 BIOLOGICAL MICROSCOPE



Excellent optical function with infinite optical system and trinocular head inclined at 30° and quintuple nosepiece. Convenient operation and special design for viewing incubating cell tissue. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|---|----------|
| Model | BMIC-501 |
| Optical System | |
| Infinite optical system | Standard |
| Viewing Head | |
| Trinocular head inclined at 30°, interpupillary distance 48-75 mm | Standard |
| Eyepiece | |
| High-point, extra wide field eyepiece EW10 X/ 22 | Standard |
| LWD infinite plan objective | |
| 4X/0.1, WD 17.3 mm | Standard |
| 10X/ 0.25, WD 10 mm | Optional |
| 20X/ 0.4, WD 5.1 mm | Optional |
| 40X/ 0.6, WD 2.1mm | Standard |
| Infinite plan phase objective | |
| PH10X/ 0.25, WD 10 mm | Standard |
| PH20X/ 0.4, WD 5.1 mm | Standard |
| PH40X/ 0.65, WD 2.1 mm | Optional |

| | |
|--|----------|
| Nosepiece | |
| Quintuple nosepiece | Standard |
| Condenser | |
| ELWD condenser NA 0.3, LWD 72 mm (without condenser 150 mm) | Standard |
| Centering | |
| Centering telescope (Φ 30 mm) | Optional |
| Phase Annulus | |
| 10X-20X, 40X phase annulus plate (fixed) | Standard |
| 10X-20X, 40X phase annulus plate (adjustable) | Optional |
| Stage | |
| Plain stage 160x250 mm | Standard |
| Glass insert | Standard |
| Attachable mechanical stage, X-Y coaxial control, moving range 120x78 mm | Optional |
| Auxiliary stages 70x180 mm | Standard |
| Terasaki holder | Optional |
| Φ 35mm petri dish holder | Optional |
| Φ 54mm slide glass holder | Optional |
| Φ 90mm petri dish holder | Optional |
| Focusing | |
| Coaxial Coarse and Fine Adjustment, Fine Division 0.002 mm, Coarse Stroke 37.7 mm per Rotation, Fine Stroke 0.2 mm per Rotation, Moving Range up 8 mm, down 3 mm | Standard |
| Illumination | |
| Halogen lamp 6 V/ 30 W | Standard |
| LED | Optional |
| Filter | |
| Blue, green and ground glass, diameter 45 mm | Standard |
| Power Supply | |
| AC 110~220 V, 50/60 Hz | Standard |
| Accessories | |
| Inverted fluorescent attachment FL-100, photo attachment, video adapter with C mount | Optional |
| Package Size | |
| 468x397x665 mm | Standard |
| Gross Weight | |
| 15.5 kg | Standard |

BMIC-502 BIOLOGICAL MICROSCOPE



Excellent optical function with seidentopf trinocular viewing head, inclined at 45°, 360° rotatable and backward quintuple nosepiece. Convenient operation and special design for viewing incubating cell tissue. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|--|----------|
| Model | BMIC-502 |
| Optical System | |
| Infinite optical system | Standard |
| Viewing Head | |
| Seidentopf trinocular viewing head, Inclined at 45°, 360° rotatable, Interpupillary 48-75 mm | Standard |
| Eyepiece | |
| Wide field eyepiece WF10 X/ 22, eyepiece tube diameter 30 mm | Standard |
| Wide field eyepiece WF15 X/ 16 | Optional |
| Wide field eyepiece WF20 X/ 12 | Optional |
| LWD infinite plan achromatic objective 4 X/0.10 WD = 22 | Standard |
| LWD infinite plan achromatic phase objective | |
| 10 X/ 0.25 WD = 6 | Standard |
| 20 X/ 0.4 WD = 3.1 | Standard |
| 40 X/ 0.55 WD = 2.2 | Standard |
| High-level phase contrast objective | |
| 10 X/ 0.25 WD = 6 | Optional |
| 20 X/ 0.4 WD = 3.1 | Optional |
| 40 X/ 0.55 WD = 2.2 | Optional |
| Lamp house adjustment objective | Optional |
| Nosepiece | |
| Backward quintuple nosepiece | Standard |
| Condenser | |
| ELWD condenser NA0.3, LWD72 mm (without condenser 150 mm) | Standard |
| Centering Telescope | |
| Centering telescope(Φ 30 mm) | Standard |
| Phase Annulus | |
| 10X, 20X, 40X phase annulus plate(adjustable) | Standard |
| Stage | |
| Plain stage 230x170 | Standard |
| Glasse insert | Standard |
| Attachable mechanical stage, X, Y coaxial control, moving rang 80x120 mm | Standard |
| Auxiliary stage | Standard |
| Terasaki holder | Standard |
| Petri dish holder Φ 38 | Standard |
| Petri dish holder Φ 54 | Standard |
| Focusing System | |
| Coaxial coarse and fine adjustment, fine division 0.002 mm, moving range up 4.5 mm down 4.5 mm | Standard |
| Illumination | |
| 6 V, 30 W halogen lamp, brightness adjustable | Standard |
| Filter | |
| Blue, green and ground glass, diameter 45 mm | Standard |
| Power Supply | |
| 110-220 V, 50/60 Hz | Standard |
| Accessories | |
| Photo attachment | Optional |

| | |
|----------------------------|----------------|
| C Mount 0.4x | Optional |
| Epi-Fluorescent attachment | Optional |
| Package Size | 630x350x620 mm |
| Gross Weight | 15 kg |

BMIC-503 BIOLOGICAL MICROSCOPE



Excellent optical function with trinocular viewing head inclined at 45°. Innovative stand structure and sharp image display. Convenient operation and special design for viewing incubating cell tissue. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|--|----------|
| Model | BMIC-503 |
| Viewing Head | |
| Trinocular viewing head, inclined at 45° | Yes |
| Trinocular viewing head, inclined at 30° | No |
| Eyepiece | |
| WF10X/20 mm | Yes |
| EW10X/22 mm | No |
| Objective | |
| LWD Plan objective 4X,10X,20X, 40X | Yes |
| LWD Infinite plan objective 4X,10X,20X, 40X ,Infinite plan phase objective 10X,20X, 40X | No |
| Stage | |
| Double layers mechanical stage, stage size:242x172 mm, central stage:Φ110 mm, moving range:75x50 mm | Yes |
| Plain stage:160x250 mm, glass insert, attachable mechanical stage, X-Y coaxial control, moving range: 120x78 mm. Auxiliary stage 70x180 mm, Terasaki holder, Petri dish holder Φ35 mm / Φ54 mm / Φ90 mm, slide glass holder Φ54 mm | No |
| Condensor | |
| NA 0.3 Abbe condenser W.D.75 mm | Yes |
| ELWD Condenser NA 0.3, LWD 72 mm (without condenser 150 mm) | No |
| Interpupillary Distance | |
| 50-75 mm / 48-75 mm | Yes |
| Focusing | |
| Coaxial coarse & fine adjustment, fine division 0.002 mm | Yes |
| Phase Contrast Sliding Plate | |
| Center of phase contrast ring plate adjustable | Yes |
| 10X, 20X, 40X phase annulus plate (fixed) 10X, 20X, 40X phase annulus plate (adjustable) | No |
| Center Telescope | |
| Center telescope | Yes |

| | |
|--|----------------|
| Center telescope (Φ 30 mm) | No |
| Illumination | |
| Halogen lamp 12 V/ 30 W, adjustable brightness | Yes |
| LED lamp 3 W / Halogen lamp 6 V/30 W | No |
| Filter | |
| Blue, Green, Yellow and Frosted glass | Yes |
| Blue, green and frosted glass | No |
| Optional Accessories | |
| B,G wave band, 220 V(110 V)/100 W Fluorescent Mercury lamp;photograph connecting tube, adapter with MD or PK mount, 4X photograph eyepiece | Yes |
| Inverted fluorescent attachment, photo attachment, video adapter with C mount | No |
| Power Supply | |
| AC110/220 V ± 10%,50/60 Hz | Yes |
| Package Size | 350x250x508 mm |
| Gross Weight | 15kg |

BMIC-504 BIOLOGICAL MICROSCOPE



Excellent optical function with infinite optical system with trinocular viewing head, inclined at 30°. Innovative stand structure and sharp image display. Convenient operation and special design for viewing incubating cell tissue. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|--|----------|
| Model | BMIC-504 |
| Viewing Head | |
| Trinocular viewing head, inclined at 45° | No |
| Trinocular viewing head, inclined at 30° | Yes |
| Eyepiece | |
| WF10X/20 mm | No |
| EW10X/22 mm | Yes |
| Objective | |
| LWD Plan objective 4X,10X,20X, 40X | No |
| LWD Infinite plan objective 4X,10X,20X, 40X . Infinite plan phase objective 10X,20X, 40X | Yes |
| Stage | |
| Double layers mechanical stage, stage size:242x172 mm, central stage: Φ110 mm,moving range:75x50 mm | No |
| Plain stage:160x250 mm, glass insert, attachable mechanical stage, X-Y coaxial control, moving range: 120x78 mm. Auxiliary stage 70x180 mm, Terasaki holder, Petri dish holder Φ35 mm / Φ54 mm / Φ90 mm, slide glass holder Φ54 mm | Yes |
| Condensor | |

| | |
|--|----------------|
| NA 0.3 Abbe condenser W.D.75 mm | No |
| ELWD Condenser NA 0.3, LWD 72 mm (without condenser 150 mm) | Yes |
| Interpupillary Distance | |
| 50-75 mm / 48-75 mm | Yes |
| Focusing | |
| Coaxial coarse& fine adjustment, fine division 0.002 mm | Yes |
| Phase Contrast Sliding Plate | |
| Center of phase contrast ring plate adjustable | No |
| 10X, 20X, 40X phase annulus plate (fixed) 10X, 20X, 40X phase annulus plate (adjustable) | Yes |
| Center Telescope | |
| Center telescope | No |
| Center telescope(Φ 30 mm) | Yes |
| Illumination | |
| Halogen lamp 12 V/ 30 W, adjustable brightness | No |
| LED lamp 3 W / Halogen lamp 6 V/30 W | Yes |
| Filter | |
| Blue, green, yellow and frosted glass | No |
| Blue, green and frosted glass | Yes |
| Optional Accessories | |
| B,G wave band, 220 V(110 V)/100 W Fluorescent Mercury lamp;photograph connecting tube, adapter with MD or PK mount, 4X photograph eyepiece | No |
| Inverted fluorescent attachment, photo attachment, video adapter with C mount | Yes |
| Power Supply | |
| AC110/220 V \pm 10%,50/60 Hz | Yes |
| Package Size | 468x397x665 mm |
| Gross Weight | 15kg |

BMIC-601 BIOLOGICAL MICROSCOPE



Excellent optical function with siedentopf binocular viewing head, inclined at 30°, 360° and quadruple nosepiece. Convenient operation and special design for viewing incubating cell tissue. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|---|----------|
| Model | BMIC-601 |
| Optical System | |
| Infinite optical system | NA |
| Viewing Head | |
| Siedentopf binocular viewing head, inclined at 30°, 360° rotatable, Interpupillary 48~75 mm | Standard |

| | |
|--|----------|
| Siedentopf trinocular viewing head, inclined at 30°, 360° rotatable, Interpupillary 48~75 mm | Optional |
| Eyeiece | |
| WF 10 X/ 18 | Standard |
| P16 X/ 11 | Optional |
| WF10 X/ 20 | NA |
| WF15 X/ 16 | NA |
| Objective | |
| Achromatic objective 4X, 10X, 40X, 100X | Standard |
| Plan achromatic objective 4X, 10X , 40X ,100X | Optional |
| Infinite plan achromatic objective 20X, 60X | NA |
| Infinite plan achromatic objective 4x, 10x, 40x, 100x | Optional |
| Nosepiece | |
| Quadruple nosepiece | Standard |
| Backward quadruple nosepiece | NA |
| Backward quintuple nosepiece | NA |
| Focusing | |
| Coaxial coarse & fine adjustment , fine division 0.002 mm, coarse stroke 37.7 mm per rotation, fine stroke 0.2 mm per rotation, moving range 20 mm | Standard |
| Stage | |
| Double layers mechanical stage:132x142 mm, moving range:75x40 mm | Standard |
| Rectangular 230x150 mm stage, moving range:78x54 mm, using low positioned X/Y coaxial control knob | NA |
| Condenser | |
| Abbe condenser NA1.25 with aperture diaphragm | Standard |
| Illumination | |
| S-LED Illumination, brightness adjustable | Standard |
| 12 V/ 20 W Halogen lamp, brightness adjustable | Optional |
| Kohler illumination | Optional |
| Power Supply | |
| 110~220 V, 50/60 Hz | Standard |
| Accessories | |
| Photo attachment, video attachment | Optional |
| Dark field condenser | Optional |
| Polarization set, phase contrast kit | NA |
| Package Size | |
| 323x264x440 mm (MSC21-19), 380x260x510 mm (BMIC-602) | Standard |
| Gross Weight | |
| 6.5 kg (MSC21-19), 10 kg (MSC21-20) | Standard |

BMIC-602 BIOLOGICAL MICROSCOPE



Excellent optical function with infinite optical system, siedentopf binocular viewing head, inclined at 30°, 360° and quadruple nosepiece. Convenient operation and special design for viewing incubating cell tissue. Valid mould proof design. It can be used under the high temperature and high humidity environment. Infinite optical system

SPECIFICATIONS

| | |
|--|----------|
| Model | BMIC-602 |
| Compensation Free Trinocular Head 30° | Standard |
| Viewing Head | |
| Siedentopf binocular viewing head, inclined at 30°, 360° rotatable, Interpupillary 48~75 mm | Standard |
| Siedentopf trinocular viewing head, inclined at 30°, 360° rotatable, Interpupillary 48~75 mm | Optional |
| Eyeiece | |
| WF 10 X/ 18 | NA |
| P16 X/ 11 | NA |
| WF10 X/ 20 | Standard |
| WF15 X/ 16 | Optional |
| Objective | |
| Achromatic objective 4X, 10X, 40X,100X | NA |
| Plan achromatic objective 4X, 10X , 40X ,100X | NA |
| Infinite plan achromatic objective 20X, 60X | Optional |
| Infinite plan achromatic objective 4x, 10x, 40x, 100x | Standard |
| Nosepiece | |
| Quadruple nosepiece | NA |
| Backward quadruple nosepiece | Standard |
| Backward quintuple nosepiece | Optional |
| Focusing | |
| Coaxial coarse & fine adjustment , fine division 0.002 mm, coarse stroke 37.7 mm per rotation, fine stroke 0.2 mm per rotation, moving range 20 mm | Standard |
| Stage | |
| Double layers mechanical stage:132x142 mm, moving range:75x40 mm | NA |
| Rectangular 230x150 mm stage, moving range:78x54 mm, using low positioned X/Y coaxial control knob | Standard |
| Condenser | |
| Abbe condenser NA1.25 with aperture diaphragm | Standard |
| Illumination | |
| S-LED Illumination, brightness adjustable | Standard |
| 12 V/ 20 W Halogen lamp, brightness adjustable | Optional |
| Kohler illumination | Optional |
| Power Supply | |

| | |
|--|----------|
| 110~220 V, 50/60 Hz | Standard |
| Accessories | |
| Photo attachment, video attachment | Optional |
| Dark field condenser | NA |
| Polarization set, phase contrast kit | Optional |
| Package Size | |
| 323x264x440 mm (MSC21-19), 380x260x510 mm (BMIC-602) | Standard |
| Gross Weight | |
| 6.5 kg (MSC21-19), 10 kg (MSC21-20) | Standard |

BMIC-701 BIOLOGICAL MICROSCOPE



Product Image Coming Soon

The integration of structure design to save space. The Microscope has a monocular viewing head inclined at 45° and 360° rotatable. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| Model | BMIC-701 |
|-----------------------|--|
| Viewing Head | Monocular Head Inclined at 45°, 360° rotatable |
| Achromatic Objectives | 4X, 10X, 40X (Spring), 100X (Spring, Oil) |
| Eyepiece | Wide Field Eyepiece: WF10 X, (WF16 X optional) |
| Stage | Double Layer Mechanical Stage Size 120x125 mm |
| Focusing | Coaxial Coarse and Fine Adjustment, Focusing Range 30 mm, Focusing Interval 0.002 mm |
| Condenser | Abbe NA=1.25 with Iris Diaphragm & Filter |
| Illumination | LED(1 W) Lamp 220 V or 110 V, (LED 3 W lamp optional) |
| Power Supply | AC110/220 V ± 10 %, 50/60 Hz |
| Package Size | 450x360x240 mm |
| Gross Weight | 5 kg |

BMIC-702 BIOLOGICAL MICROSCOPE



The integration of structure design to save space. The Microscope has a compensation free binocular viewing head inclined at 30°, 360° rotatable. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|-----------------------|--|
| Model | BMIC-702 |
| Viewing Head | Compensation Free Binocular Head Inclined at 30°, 360° rotatable |
| Achromatic Objectives | 4X, 10X, 40X (Spring) ,100X (Spring, Oil) |
| Eyepiece | Wide Field Eyepiece:WF10 X, (WF16 X optional) |
| Stage | Double Layer Mechanical Stage Size 120x125 mm |
| Focusing | Coaxial Coarse and Fine Adjustment, Focusing Range 30 mm, Focusing Interval 0.002 mm |
| Condenser | Abbe NA=1.25 with Iris Diaphragm & Filter |
| Illumination | LED(1 W) Lamp 220 V or 110 V, (LED 3 W lamp optional) |
| Power Supply | AC110/220 V \pm 10 %, 50/60 Hz |
| Package Size | 450x360x240 mm |
| Gross Weight | 5 kg |

BMIC-703 BIOLOGICAL MICROSCOPE



The integration of structure design to save space. The Microscope has a compensation free trinocular viewing head which is 360° rotatable. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|-----------------------|---|
| Model | BMIC-703 |
| Viewing Head | Compensation Free Trinocular Head, 360° rotatable |
| Achromatic Objectives | 4X, 10X, 40X (Spring) ,100X (Spring, Oil) |

| | |
|--------------|--|
| Eyepiece | Wide Field Eyepiece:WF10 X, (WF16 X optional) |
| Stage | Double Layer Mechanical Stage Size 120x125 mm |
| Focusing | Coaxial Coarse and Fine Adjustment, Focusing Range 30 mm, Focusing Interval 0.002 mm |
| Condenser | Abbe NA=1.25 with Iris Diaphragm&Filter |
| Illumination | LED(1 W) Lamp 220 V or 110 V, (LED 3 W lamp optional) |
| Power Supply | AC110/220 V \pm 10 %, 50/60 Hz |
| Package Size | 450x360x240 mm |
| Gross Weight | 5 kg |

BMIC-704 BIOLOGICAL MICROSCOPE



The integration of structure design to save space. The Microscope has a dual viewing head where one tube is 30° inclined, another tube is vertical and 360° rotatable. Valid mould proof design. It can be used under the high temperature and high humidity environment.

SPECIFICATIONS

| | |
|-----------------------|--|
| Model | BMIC-704 |
| Viewing Head | Dual viewing head, one tube 30°, inclined and another tube vertical, 360° rotatable |
| Achromatic Objectives | 4X, 10X, 40X (Spring) ,100X (Spring, Oil) |
| Eyepiece | Wide Field Eyepiece:WF10 X, (WF16 X optional) |
| Stage | Double Layer Mechanical Stage Size 120x125 mm |
| Focusing | Coaxial Coarse and Fine Adjustment, Focusing Range 30 mm, Focusing Interval 0.002 mm |
| Condenser | Abbe NA=1.25 with Iris Diaphragm & Filter |
| Illumination | LED(1 W) Lamp 220 V or 110 V, (LED 3 W lamp optional) |
| Power Supply | AC110/220 V \pm 10 %, 50/60 Hz |
| Package Size | 450x360x240 mm |
| Gross Weight | 5 kg |



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