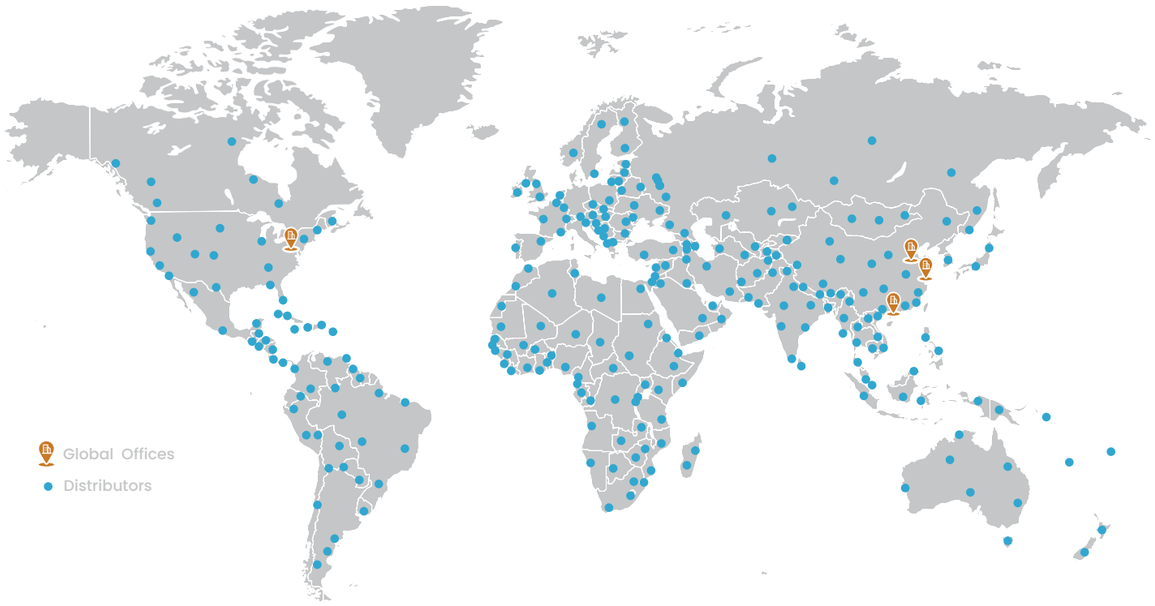

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Infitek

Microscope

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Laboratory and Medical equipment one-stop solution provider

INFITEK CO., LTD.

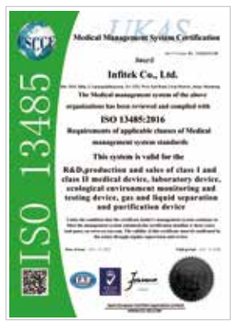
• V.01

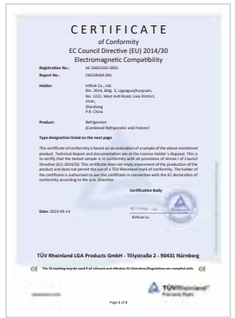
INTRODUCTION

As a manufacturer of professional scientific instruments, Infitek has 18 factories, with products and services range from life sciences, chemical analysis, optical analysis, water quality testing and environmental monitoring, etc.

Infitek has established R&D centers in Shenzhen, Beijing, Shanghai and Jinan, and has developed collaboration with established in-depth cooperation with hundreds of well-known universities and scientific research institutions at home and abroad.

CERTIFICATE





ISO9001
ISO13485
ISO45001

Infitek continues to improve its core competitiveness, and numerous products have been US FDA-listed and obtained CE certificates. In addition, the company has achieved ISO9001, ISO13485, and ISO45001 certifications. The company will continue to be committed to providing innovative scientific instruments and solutions to global scientific research institutions, laboratories and industrial enterprises, and building a comprehensive service platform for scientific instruments and medical devices integrating R&D, production, sales and service.

Infitek

Founded in 2010, Infitek is headquartered in Shenzhen, China. Infitek is committed to providing customers with high-quality products and services, contributing to the continuous improvement of the quality of life, the simplicity& efficiency of scientific experiments, and the sustainable development of the world.

Infitek will continue to increase investment in scientific researches, deepen cooperation with business partners, provide customers with better products and services, meet the needs of global customers, and realize one-stop service. With unremitting efforts and innovative spirit, Infitek is heading to accomplish the mission of ranking in top 10 global scientific service platforms, and creating unlimited possibilities for the sustainable development of the world.

Biological Microscope

MSC-B203

Specifications

Model	MSC-B203
Optics	Infinity Optical System
Observation Tubes	Siedentopf binocularhead/Siedentopf trinocularhead, 50-75mm
Viewing Head	Siedentopf head,inclined at 30°,360° rotatable
Optical Coating	Transmittance ≥ 95%
Eyepiece	Wide field eyepiece WF10×22mm
Objective	Infinite plan achromatic objective: 4X, 10X, *20X, 40X, 100X
	Flour semi-apo objective: 4X, 10X, 20X, 40X, 100X
	Infinite plan phase objective: Ph10X, 20X, 40X, 100X
Nosepiece	Quadruple nosepiece / *Quintuple nosepiece
Stage	Double layers mechanical stage 210×150mm / 75×50mm
Condenser	Abbe condenser N.A.1.25 with iris diaphragm & filter
Focusing	Coaxial coarse and fine adjustment, fine division 0.002mm, coarse stroke 37.7mm per rotation, fine stroke 0.2mm per rotation, moving range 24mm
Illumination	LED illumination, brightness adjustable
Electricity	100-240V AC,50/60Hz
Package Dimension (W*D*H) (mm)	530*330*480
Gross Weight (Kg)	9
*Optional	Phase contrast kit;Drak field attachment; Microscope camera (Standard imaging software) / Win 10 Pad / Digital display
*Optional Configuration	

Biological Microscope

MSC-B203T

Specifications

Model	MSC-B203T
Optics	Infinity Optical System
Observation Tubes	Siedentopf binocularhead/Siedentopf trinocularhead, 50-75mm
Viewing Head	Siedentopf head,inclined at 30°,360° rotatable
Optical Coating	Transmittance ≥ 95%
Eyepiece	Wide field eyepiece WF10×22mm
Objective	Infinite plan achromatic objective: 4X, 10X, *20X, 40X, 100X
	Flour semi-apo objective: 4X, 10X, 20X, 40X, 100X
	Infinite plan phase objective: Ph10X, 20X, 40X, 100X
Nosepiece	Quadruple nosepiece / *Quintuple nosepiece
Stage	Double layers mechanical stage 210×150mm / 75×50mm
Condenser	Abbe condenser N.A.1.25 with iris diaphragm & filter
Focusing	Coaxial coarse and fine adjustment, fine division 0.002mm, coarse stroke 37.7mm per rotation, fine stroke 0.2mm per rotation, moving range 24mm
Illumination	LED illumination, brightness adjustable
Electricity	100-240V AC,50/60Hz
Package Dimension (W*D*H) (mm)	590*350*360
Gross Weight (Kg)	9.5
*Optional	Phase contrast kit;Drak field attachment; Microscope camera (Standard imaging software) / Win 10 Pad / Digital display
*Optional Configuration	

Biological Microscope

MSC-B208(Sliding) **MSC-B208(Siedentopf)**
MSC-B208T(Sliding) **MSC-B208T(Siedentopf)**

Features

This instrument conforms to ergonomics, with low operation long time observation of fatigue, superior optical properties; suitable for all levels of medical institutions, do research demonstration Jishengjitong laboratory routine inspection, biology, bacteriology, clinical trials and teaching.

MSC-B208(Sliding)

MSC-B208(Siedentopf)

MSC-B208T(Sliding)

MSC-B208T(Siedentopf)

Specifications

Model	MSC-B208(Sliding)	MSC-B208(Siedentopf)	MSC-B208T(Sliding)	MSC-B208T(Siedentopf)
Optics	Finite Distance Optical System / *Infinity Optical System		Finite Distance Optical System / *Infinity Optical System	
Observation Tube	Tilting binocular,interpupillary 55-75mm		Tilting trinocular,interpupillary 55-75mm	
Viewing Head	Sliding head,inclined at 45°	Siedentopf head,inclined at 30°	Sliding head,inclined at 45°	Siedentopf head,inclined at 30°
Optical Coating	Transmittance ≥ 95%		Transmittance ≥ 95%	
Eyepieces	Wide field eyepiece WF10×18mm		Wide field eyepiece WF10×18mm	
	*Wide field eyepiece WF10×20mm		*Wide field eyepiece WF10×20mm	
Objective	Achromatic objective 4X, 10X, *20X,40X, 100X		Achromatic objective 4X, 10X, *20X,40X, 100X	
	*Plan achromatic objective: 4X, 10X, 20X, 40X, 100X		*Plan achromatic objective: 4X, 10X, 20X, 40X, 100X	
	*Plan phase objective: Ph10X, 20X, 40X, 100X		*Plan phase objective: Ph10X, 20X, 40X, 100X	
	*Infinite plan achromatic objective: 4X, 10X, 20X, 40X,100X		*Infinite plan achromatic objective: 4X, 10X, 20X, 40X,100X	
Nosepiece	Quadruple nosepiece / *Quintuple nosepiece		Quadruple nosepiece / *Quintuple nosepiece	
Stage	Double layers mechanical stage 140×135mm / 75×50mm (*Heating module)		Double layers mechanical stage 140×135mm / 75×50mm (*Heating module)	
Condenser	Abbe NA1.25 with iris diaphragm & filter		Abbe NA1.25 with iris diaphragm & filter	
Focusing	Coaxial coarse and fine adjustment, fine division 0.002mm, coarse stroke 37.7mm per rotation, fine stroke 0.2mm per rotation, moving range 22mm		Coaxial coarse and fine adjustment, fine division 0.002mm, coarse stroke 37.7mm per rotation, fine stroke 0.2mm per rotation, moving range 22mm	
Illumination	3W LED Illumination, brightness adjustable		3W LED Illumination, brightness adjustable	
	*6V 20W Halogen lamp, brightness adjustable		*6V 20W Halogen lamp, brightness adjustable	
Electricity	100-240V AC,50/60Hz		100-240V AC,50/60Hz	
Package Dimension (W*D*H) (mm)	370*270*480	370*260*490	390*270*480	370*260*490
Gross Weight (Kg)	7	6.5	7	7
*Optional	Turret phase contrast kit, dark field attachment, fluorescent attachment	Turret phase contrast kit, dark field attachment, fluorescent attach-ment, 360° rotatable viewing head	Turret phase contrast kit, dark field attachment, fluorescent attachment,	Turret phase contrast kit, dark field attachment, fluorescent attachment, 360° rotatable viewing head
	MSC-B208T: Microscope camera (Standard imaging software) / Win 10 Pad / Digital display		MSC-B208T: Microscope camera (Standard imaging software) / Win 10 Pad / Digital display	
*Optional Configuration				

Biological Microscope

MSC-B100W

Description

Biological microscopes are widely used in research institutes for biology, cytology, histology, pharmaceutical chemistry, etc., and can perform three major routine medical examinations in medicine, and are suitable for teaching purposes in school laboratories.

MSC-B100W

Eyepiece

Plan field eyepiece, 10X, φ18mm; 16X, φ11mm

Objective

Achromatic objective, 4X, 10X, 40X, 100X

Nosepiece

Quadruple nosepiece

Magnification

40X-1600X

Features

Eyepiece

10X, 16X flat field eyepieces
Hinged barrel for comfortable adjustment
30° tilt, 360°free rotation

Stage

Double moving platform 130×130mm
Moving range: 70×30mm

Focus

15 mm coarse and fine co-axial focusing mechanism with limit
Coarse focusing tension adjustment device
Micro-adjustment grid value: 0.002mm

Visual Observation

Sharp edges and stable imaging
Color reproduction, high resolution

Objective

Achromatic objective
4X, 10X, 40X, 100X (oil)

Condenser

N.A. 1.25 Abbe spotting scope
Variable light bar in adjustable center

Light Source

LED light source adjustable brightness

Specifications

Model	MSC-B100W
Observation Tube	Tilting binocular, Interpupillary 55-75mm
Viewing Head	Siedentopf head, inclined at 30°
Eyepiece	Plan field eyepiece, 10X, φ18mm; 16X, φ11mm
Objective	Achromatic objective, 4X, 10X, 40X, 100X
Nosepiece	Quadruple nosepiece
Mechanical Tube Length	160mm
Magnification	40X-1600X
Stage	Double layers mechanical stage
	Size: 130x130mm, Range: 70x30mm, ruler: 0.1mm
Focusing	15mm Coaxial coarse and fine focus adjustment
	Fine focusing scale 0.002mm
Condenser	Abbe N.A.1.25 condenser with Iris diaphragm & filter
Filter	Blue, Green, Yellow
Light Source	LED, adjustable brightness

Biological Microscope

MSC-B110W

Description

Biological microscopes are widely used in research institutes for biology, cytology, histology, pharmaceutical chemistry, etc., and can perform three major routine medical examinations in medicine, and are suitable for teaching purposes in school laboratories.

MSC-B110W

Eyepiece

Plan field eyepiece, 10X, φ18mm; 16X, φ11mm

Objective

Achromatic objective, 4X, 10X, 40X, 100X

Nosepiece

Quadruple nosepiece

Magnification

40X-1600X

Features

Eyepiece

10X, 16X flat field eyepieces
Hinged barrel for comfortable adjustment
30° tilt, 360°free rotation

Stage

Double moving platform 130×125mm
Moving range: 70×30mm

Focus

15 mm coarse and fine co-axial focusing mechanism with limit
Coarse focusing tension adjustment device
Micro-adjustment grid value: 0.002mm

Visual Observation

Sharp edges and stable imaging
Color reproduction, high resolution

Objective

Achromatic objective
4X, 10X, 40X, 100X (oil)

Condenser

N.A. 1.25 Abbe spotting scope
Variable light bar in adjustable center

Light Source

LED light source adjustable brightness

Specifications

Model	MSC-B110W
Observation Tube	Tilting binocular, Interpupillary 55-75mm
Viewing Head	Siedentopf head, inclined at 30°
Eyepiece	Plan field eyepiece, 10X, φ18mm; 16X, φ11mm
Objective	Achromatic objective, 4X, 10X, 40X, 100X
Nosepiece	Quadruple nosepiece
Mechanical Tube Length	160mm
Magnification	40X-1600X
Stage	Double layers mechanical stage
	Size: 130x125mm, Range: 70x30mm, ruler: 0.1mm
Focusing	15mm Coaxial coarse and fine focus adjustment
	Fine focusing scale 0.002mm
Condenser	Abbe N.A.1.25 condenser with Iris diaphragm & filter
Filter	Blue, Green, Yellow
Light Source	LED, adjustable brightness

Biological Microscope

MSC-B111W

Description

Biological microscopes are widely used in research institutes for biology, cytology, histology, pharmaceutical chemistry, etc., and can perform three major routine medical examinations in medicine, and are suitable for teaching purposes in school laboratories.

MSC-B111W

Eyepiece

Plan field eyepiece, 10X, φ18mm; 16X, φ11mm

Objective

Achromatic objective, 4X, 10X, 40X, 100X

Nosepiece

200W CMOS camera, adapter

Magnification

40X-1600X

Features

Eyepiece

10X, 16X flat field eyepieces
Hinged barrel for comfortable adjustment
30° tilt, 360°free rotation

Objective

Achromatic objective
4X, 10X, 40X, 100X (oil)

Stage

Double moving platform 130×125mm
Moving range: 70×30mm

Condenser

N.A. 1.25 Abbe spotting scope
Variable light bar in adjustable center

Focus

15 mm coarse and fine co-axial focusing mechanism with limit
Coarse focusing tension adjustment device
Micro-adjustment grid value: 0.002mm

Light source

LED light source adjustable brightness

Visual Observation

Sharp edges and stable imaging
Color reproduction, high resolution

CMOS Imaging Observation

Complete visualization
Simple operation and stable imaging

Specifications

Model	MSC-B111W
Observation Tube	Tilting Trinocular, Interpupillary 55-75mm
Viewing Head	Siedentopf head, inclined at 30°
Eyepiece	Plan field eyepiece, 10X, φ18mm; 16X, φ11mm
Objective	Achromatic objective, 4X, 10X, 40X, 100X
Nosepiece	Quadruple nosepiece
Mechanical Tube Length	160mm
Magnification	40X-1600X
Stage	Double layers mechanical stage
	Size: 130x125mm, Range: 70x30mm, ruler: 0.1mm
Focusing	15mm Coaxial coarse and fine focus adjustment
	Fine focusing scale 0.002mm
Condenser	Abbe N.A.1.25 condenser with Iris diaphragm & filter
Filer	Blue, Green, Yellow
Light Source	LED, adjustable brightness
Computer Image Forming System	200W CMOS camera, adapter

Biological Microscope

MSC-B300W MSC-B310W MSC-B311W

Description

This biological microscope adopts Finite distance optical technology, and is highly expandable, can be equipped with vertical illumination device, fluorescence device and other auxiliary equipment.

Features

Eyepiece
10X, 16X flat field eyepieces
Hinged barrel for comfortable adjustment
30° tilt, 360°free rotation

Objective
Achromatic objective
4X, 10X, 40X, 100X (oil)

Stage
Double moving platform 140×140mm
Moving range: 75×50mm

Condenser
N.A. 1.25 Abbe spotting scope
Variable light bar in adjustable center

Focus
30 mm coarse and fine co-axial focusing mechanism with limit
Coarse focusing tension adjustment device
Micro-adjustment grid value: 0.002mm

Light Source
LED bicolor electric light source
Yellow and white light switching
Kohler lighting
Adjustable brightness

Visual Observation
Sharp edges and stable imaging
Color reproduction, high resolution

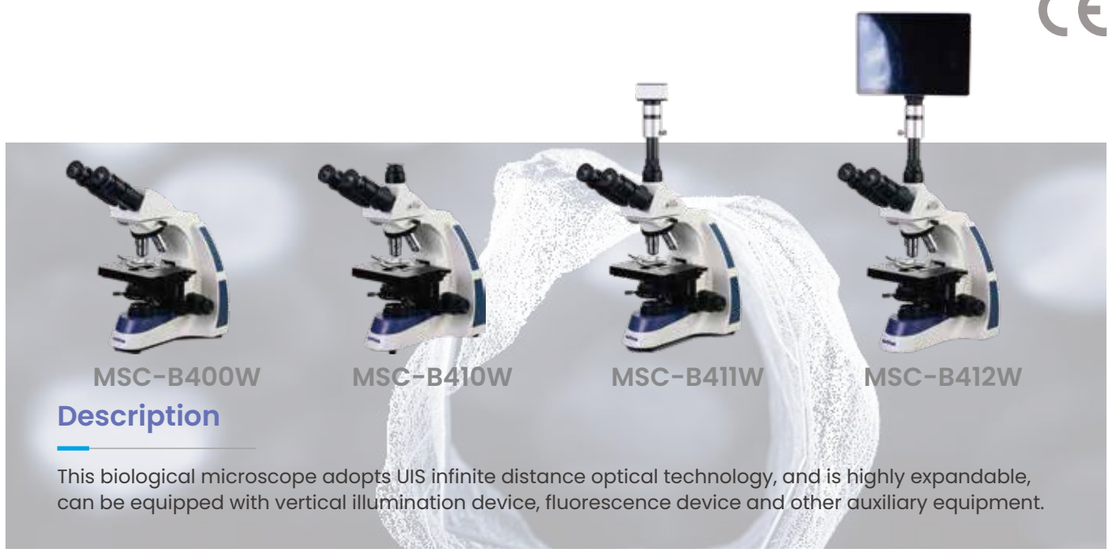
MSC-B311W
CMOS Imaging Observation
Complete visualization
Simple operation and stable imaging

Specifications

Model	MSC-B300W | MSC-B310W	MSC-B311W
Optics	Finite optical system	Finite optical system
Observation Tube	Tilting binocular, Interpupillary 55-75mm	Tilting binocular, Interpupillary 55-75mm
Viewing Head	Siedentopf head, inclined at 30°	Siedentopf head, inclined at 30°
Eyepiece	Plan field eyepiece, 10X, φ18mm; 16X, φ11mm	Plan field eyepiece, 10X, φ18mm; 16X, φ11mm
Objective	Achromatic objective, 4X, 10X, 40X, 100X	Achromatic objective, 4X, 10X, 40X, 100X
Nosepiece	Quadruple nosepiece	Quadruple nosepiece
Mechanical Tube Length	160mm	160mm
Magnification	40X-1600X	40X-1600X
Stage	Double layers mechanical stage	Double layers mechanical stage
	Size: 140x140mm, Range: 75x50mm, ruler: 0.1mm	Size: 140x140mm, Range: 75x50mm, ruler: 0.1mm
Focusing	30mm Coaxial coarse and fine focus adjustment	30mm Coaxial coarse and fine focus adjustment
	Fine focusing scale 0.002mm	Fine focusing scale 0.002mm
Condenser	Abbe N.A.1.25 condenser with Iris diaphragm & filter	Abbe N.A.1.25 condenser with Iris diaphragm & filter
Filter	Blue, Green, Yellow	Blue, Green, Yellow
Light Source	LED bicolor electric light source, yellow and white light switching,	LED bicolor electric light source, yellow and white light switching,
	Kohler lighting, adjustable brightness	Kohler lighting, adjustable brightness
Computer Image Forming System	/	500W CMOS camera, adapter

Biological Microscope

MSC-B400W MSC-B410W MSC-B411W MSC-B412W



Description

This biological microscope adopts UIS infinite distance optical technology, and is highly expandable, can be equipped with vertical illumination device, fluorescence device and other auxiliary equipment.

Specifications

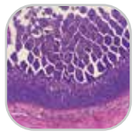
Model	MSC-B400W	MSC-B410W	MSC-B411W	MSC-B412W
Optics	Infinity optical system		Infinity optical system	
Observation Tube	Tilting binocular, Interpupillary 55-75mm		Tilting trinocular, Interpupillary 55-75mm	
Viewing Head	Siedentopf head, inclined at 30°		Siedentopf head, inclined at 30°	
Eyepiece	Plan field eyepiece, 10X, φ22mm		Plan field eyepiece, 10X, φ22mm	
Objective	Plane infinite distance objective 4X, 10X, 40X, 100X (oil)		Plane infinite distance objective 4X, 10X, 40X, 100X (oil)	
Nosepiece	Quadruple nosepiece		Quadruple nosepiece	
Magnification	40X-1000X		40X-1000X	
Stage	Double layers mechanical stage		Double layers mechanical stage	
	Size: 140x160mm, Range: 76x45mm, ruler: 0.1mm		Size: 140x160mm, Range: 76x45mm, ruler: 0.1mm	
Focusing	30mm Coaxial coarse and fine focus adjustment		30mm Coaxial coarse and fine focus adjustment	
	Fine focusing scale 0.002mm		Fine focusing scale 0.002mm	
Condenser	Abbe N.A.1.25 condenser with Iris diaphragm, dark field (Optional)		Abbe N.A.1.25 condenser with Iris diaphragm, dark field (Optional)	
Filter	Blue, Green		Blue, Green	
Light Source	LED two-color electric light source, yellow and white light switching,		LED two-color electric light source, yellow and white light switching,	
	Kohler lighting, adjustable brightness		Kohler lighting, adjustable brightness	
Computer Image Forming System	/		500W CMOS camera, adapter	/
PAD Image Forming System	/		/	PAD image-forming system

Features

Eyepiece
10X, 16X flat field eyepieces
Hinged barrel for comfortable adjustment
30° tilt, 360°free rotation

Stage
Double moving platform 140×160mm
Moving range: 76×45mm

Focus
30 mm coarse and fine co-axial focusing mechanism with limit
Coarse focusing tension adjustment device
Micro-adjustment grid value: 0.002mm



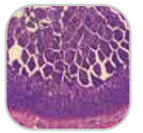
Visual Observation
Sharp edges and stable imaging
Color reproduction, high resolution

MSC-B412W
PAD imaging observation
Complete visualization
Simple operation and stable imaging

Objective
Infinity flat field achromatic objective
4X, 10X, 40X, 100X (oil)

Condenser
N.A. 1.25 Abbe spotting scope
Variable light bar in adjustable center

Light Source
LED bicolor electric light source
Yellow and white light switching
Kohler lighting
Adjustable brightness



MSC-B411W
CMOS Imaging Observation
Complete visualization
Simple operation and stable imaging

Biological Microscope

MSC-B500W MSC-B510W MSC-B511W MSC-B512W

Description

This biological microscope adopts UIS infinite distance optical technology, and is highly expandable, can be equipped with vertical illumination device, fluorescence device and other auxiliary equipment.

Specifications

Model	MSC-B500W	MSC-B510W	MSC-B511W	MSC-B512W
Optics	Infinity optical system		Infinity optical system	
Observation Tube	Tilting binocular, Interpupillary 55-75mm		Tilting trinocular, Interpupillary 55-75mm	
Viewing Head	Siedentopf head, inclined at 30°		Siedentopf head, inclined at 30°	
Eyepiece	Plan field eyepiece, 10X, φ22mm, 16X, φ15mm		Plan field eyepiece, 10X, φ22mm, 16X, φ15mm	
Objective	Plane infinite distance objective 4X, 10X, 40X, 100X		Plane infinite distance objective 4X, 10X, 40X, 100X	
Nosepiece	Quadruple nosepiece		Quadruple nosepiece	
Magnification	40X-1600X		40X-1600X	
Stage	Double layers mechanical stage		Double layers mechanical stage	
	Size: 155x145mm, Range: 80x50mm, ruler: 0.1mm		Size: 155x145mm, Range: 80x50mm, ruler: 0.1mm	
Focusing	30mm Coaxial coarse and fine focus adjustment		30mm Coaxial coarse and fine focus adjustment	
	Fine focusing scale 0.002mm		Fine focusing scale 0.002mm	
Condenser	Abbe N.A.1.25 condenser with Iris diaphragm, dark field (Optional)		Abbe N.A.1.25 condenser with Iris diaphragm, dark field (Optional)	
Filter	Blue, Green, Yellow		Blue, Green, Yellow	
Light Source	LED two-color electric light source, yellow and white light switching,		LED two-color electric light source, yellow and white light switching,	
	Kohler lighting, adjustable brightness		Kohler lighting, adjustable brightness	
Computer Image Forming System	/		500W CMOS camera, adapter	/
PAD Image Forming System	/		/	PAD image-forming system

Features

Eyepiece
10X, 16X flat field eyepieces
Hinged barrel for comfortable adjustment
30° tilt, 360°free rotation

Stage
Double moving platform 155×145mm
Moving range: 80×50mm

Focus
30 mm coarse and fine co-axial focusing mechanism with limit
Coarse focusing tension adjustment device
Micro-adjustment grid value: 0.002mm

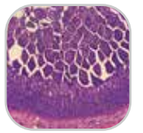
Visual Observation
Sharp edges and stable imaging
Color reproduction, high resolution

MSC-B512W
PAD imaging observation
Complete visualization
Simple operation and stable imaging

Objective
Infinity flat field achromatic objective
4X, 10X, 40X, 100X (oil)

Condenser
N.A. 1.25 Abbe spotting scope
Variable light bar in adjustable center

Light Source
LED bicolor electric light source
Yellow and white light switching
Kohler lighting
Adjustable brightness



MSC-B511W
CMOS Imaging Observation
Complete visualization
Simple operation and stable imaging

Digital Microscope

MSC-V208

Specifications

Model	MSC-V208
Optics	Finite Distance Optical System
Viewing Head	10 inches display screen
Video Adapter	C Mount 1X、0.5X
Objective	Plan achromatic objective:4X, 10X, *20X, 40X, 100X
Nosepiece	Quadruple / *Quintuple
Stage	Double layers mechanical stage 140×135mm/75×50mm
Condenser	Abbe NA1.25 with iris diaphragm & filter
Focusing	Coaxial coarse and fine adjustment, fine division 0.002mm,coarse stroke
	37.7mm per rotation, fine stroke 0.2mm per rotation, moving range 20mm
Illumination	3W LED illumination, brightness adjustable
	*6V 20W halogen lamp, brightness adjustable
Electricity	100-240V AC,50/60Hz
Package Dimension (W*D*H) (mm)	370*270*480
Gross Weight (Kg)	6
*Optional	Turret phase contrast kit, dark field attachment, Microscope camera/Win10 Pad/Android Pad
*Optional Configuration	

Fluorescence Microscope

MSC-F201(Siedentopf) MSC-F201T(Siedentopf)

Features

Objectives
Infinite optical system
The use of fluorescent infinite optical system lens, low cost, meet the needs of daily fluorescence

Fluorescent Viewing
Single channel fluorescent module/Dual channel fluorescent module
Fluorescence filter group:DAPI,FITC,TRITC,Texas Red,GFP,CFP,CY5;
Fluorescent Illumination:5W LED Lamp.

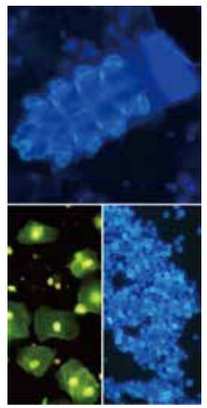
Fluorescence filter group
High transmittance, high cut-off and deep cut-off depth filters are used to make the image brighter, contrast sharper and background darker.

Fluorescent light source
Adopt imported LED lamp beads; The LED light source has high brightness, long life, low heat, little damage to cells, and easy operation.

Camera
USB3.0 Camera(DC 500/630)

Single channel

Two-channel



Fluorescence device
DF-I fluorescent vertical illuminator, equipped with a set of fluorescent channels, adopts high-brightness LED light source, has long lifespan, less heat, less damage to cells, effectively reduces dye quenching, and is easy to operate. It is widely used in dermatophyte fluorescence inspection, Respiratory virus testing, etc.

DF-II fluorescent vertical illuminator is equipped with two sets of fluorescent channels, and the light source is linked with the fluorescent filter group, which is easy to operate. Using high-brightness LED light source, it has long lifespan, less heat, less damage to cells, and effectively reduces dye quenching. It is an ideal light source for clinical fluorescence observation. Widely used in gynecological double fluoroscopy and so on.

DF-VI fluorescent vertical illuminator can be configured with three to six groups of fluorescent channels, equipped with 100W HBO ultra-high pressure spherical mercury lamp, with high fluorescent brightness, wide spectrum, and uniform field of view. At the same time, a shutter is set at the front end of the vertical illuminator, which can cut off the fluorescent illumination at any time and protect the sample. Produces fluorescent images with bright colors and dark backgrounds. Widely used in FISH.

Description

It has solid square base, comfortable and simple operation, multiple accessories collocation, which provide you with simple and rich experience.

Specifications

Model	MSC-F201(Siedentopf)	MSC-F201T(Siedentopf)
Optics	Infinity Optical System	
Observation Tube	Tilting binocular,interpupillary 48-75mm	Tilting trinocular,interpupillary 48-75mm
Viewing Head	Siedentopf head,inclined at 30°	
Optical Coating	Transmittance ≥ 95%	
Eyepieces	Widefield WF10×18mm, *WF10×20mm	
Objective	Infinite plan achromatic: 4X, 10X, *20X, 40X,100X	
	*Flour semi-apo: 4X, 10X, 20X, 40X, 100X	
	*Plan phase: Ph10X, 20X, 40X, 100X	
Nosepiece	Quadruple / *Quintuple	
Stage	Double layers mechanical stage 140×135mm / 75×50mm	
Condenser	Abbe NA1.25 with iris diaphragm & filter	
Focusing	Coaxial coarse and fine adjustment, fine division 0.002mm,coarse stroke 37.7mm per rotation, fine stroke 0.2mm per rotation, moving range 22mm	
Illumination	3W LED illumination, brightness adjustable	
	*6V 20W halogen lamp, brightness adjustable	
Fluorescent Attachment	DF-I fluorescent vertical illuminator,equipped with one set of fluorescent channel.	
	*DF-II fluorescent vertical illuminator, equipped with two sets of fluorescence channels	
	*DF-VI fluorescent vertical illuminator can be configured with three to six groups of fluorescent channels	
Electricity	100-240V AC,50/60Hz	
Package Dimension(W*D*H)(mm)	370*260*470	380*270*470
G.W.(kg)	8	8
Optional	Turret phase contrast kit, dark field attachment, fluorescent attachment MSC-F201T: Microscope camera (standard imaging software) / Win 10 Pad / Digital display	
*Optional Configuration		

Inverted Microscope

MSC-IV403

Specification

Model	MSC-IV403
Optics	Finite Distance Optical System
Observation Tubes	Tilting binocular,interpupillary 50-75mm
Viewing Head	Siedentopf head,inclined at 45°
Optical Coating	Transmittance ≥ 95%
Eyepiece	Wide field eyepiece WF10×20mm
Objective	LWD plan objective LWDPL4X\10X\20X\40X
Nosepiece	Quadruple nosepiece
Stage	Double layers mechanical stage，stage size: 242mm× 172mm，central stage: Φ110mm，moving range: 75mm × 50mm
Condenser	N.A.0.3Abbe condenser W.D .75mm
Focusing	Coaxial coarse&fine focusing adjustment with rack and pinion mechanism fine focusing scale value 0.002mm
Illumination	Halogen bulb12V/30W,adjustable brightness
Electricity	100-240V AC,50/60Hz
Package Dimension (W*D*H)(mm)	770*330*480
Gross Weight (Kg)	13
*Optional	Photo attachment, video adapter with C mount

Inverted Microscope

MSC-IV100Y

CE

Features

Excellent optical function with infinitive optical system.

With LWD infinitive plan objective making viewing field flatter and brighter, contrast sharper, living cell observing easier.

With pre-centerable phase annulus, available to observe low contrast or transparent specimen.

Advanced and reliable mechanical stage with knob height and tightness adjustable.

Different holders for various observations.

Description

This microscope has an innovative stand structure, clear specimen observation, and convenient operation. It is specially designed for cell culture observation.

Specification

Model		MSC-IV100Y
Optics		Infinite optical system
Observation Tube		Tilting trinocular, interpupillary 48-75mm
Viewing Head		Siedentopf head, inclined at 30°
Eyepiece		High eye point, extra wide field eyepiece EW10X/22
Objective	LWD Infinitive Plan Objective	4X/0.1 WD 17.3mm
		40X/0.6 WD 2.1mm
		*10X/0.25 WD 10mm
		*20X/0.4 WD 5.1mm
	Infinitive Plan Phase Objective	PH10X/0.25 WD 10mm
		PH20X/0.4 WD 5.1mm
		*PH40X/0.6 WD 2.1mm
Nosepiece		Quintuple nosepiece
Stage		Plain stage 160X250mm
		Glass insert
		Auxiliary stages 70X180mm
		*Attachable mechanical stage, X-Y coaxial control, Moving range 120X78mm
		*Terasaki holder
		*φ35mm Petri dish holder
		*φ54mm Slide glass holder
		*φ90mm Petri dish holder
Condenser		WLWD Condenser NA0.3, LWD72mm(without condenser 150mm)
*Centering Telescope		Centering telescope(φ30mm)
Phase Annulus		10X-20X, 40X Phase annulus plate
		*10X-20X, 40X Phase annulus plate(Center adjustable)
Focusing		Coaxial coarse and fine adjustment, Vertical objective movement
		Coarse stroke: 37.7mm per rotation, Fine stroke: 0.2mm per rotation
Illumination		6V 30W Halogen lamp
Filter		Diameter 45mm, blue, green and ground glass
*Optional		Photo attachment, video adapter with C mount, inverted fluorescent attachment
Package Dimension (W*D*H)(mm)		490*430*690
G.W.(kg)		14.5

*Optional configuration

Inverted Microscope

MSC-IV10D MSC-IV11D

MSC-IV10D

MSC-IV11D

Description

The inverted biological microscope adopts an excellent infinity optical system, which can provide excellent optical performance. The streamlined design concept, compact, stable and high-rigidity body fully reflects the anti-vibration requirements of microscopic operations.

Features

Eyepiece
10X flat field eyepieces
Hinged barrel for comfortable adjustment
45°tilt

Stage
Double moving platform 224×208mm
Moving range: 112x79mm

Focus
Coarse and fine co-axial focusing mechanism with limit
Coarse focusing tension adjustment device
Micro-adjustment grid value: 0.002mm

Visual Observation
Sharp edges and stable imaging
Color reproduction, high resolution

Objective
Infinite LWD flat-field achromatic objective, 10X, 20X, 40X
Infinite LWD flat-field phase contrast objective, 10X, 20X, 40X

Phase contrast
Phase contrast, slider type phase contrast condenser
Adjustable center of phase contrast ring

Light source
9W LED light source
Adjustable brightness

MSC-IV11D
COMS Observation
Complete visualization
Simple operation and stable imaging

Specifications

Model	MSC-IV10D	MSC-IV11D
Optics	Infinity optical system	
Observation Tube	Tilting trinocular, Interpupillary 48-75mm	
Viewing Head	Siedentopf head, inclined at 45°	
Eyepiece	Plan field eyepiece, 10X, φ22mm	
Objective	Infinite LWD flat-field achromatic objective, 10X, 20X, 40X	
	Infinite LWD flat-field phase contrast objective, 10X, 20X, 40X	
Nosepiece	Quintuple nosepiece	
Magnification	40X-400X	
Stage	Size: 224×208mm, Range: 112x79mm, ruler 0.1mm	
	Culture dish tray one: 86mm (W)×129.5mm (L), can fit round culture dishes with a	
	diameter of φ87.5mm.	
	Culture dish tray two: 34mm (W)×77.5mm (L), can fit round culture dishes with a	
	diameter of φ68.5mm.	
	Culture dish tray three: 57mm (W) ×82mm (L)	
Focusing	Coaxial coarse and fine focus adjustment	
	Fine focusing, Effective focusing distance: 11mm, Scale 0.002mm	
Condenser	Long working distance condenser, working distance 70mm, with	
	slider phase contrast device	
Filter	Matte glass, blue filter	
Light Source	9W LED, adjustable brightness	
Computer Image Forming System	/	500W CMOS camera, adapter

Metallurgical Microscope

MSC-M4XC

Specification

Model	MSC-M4XC
Optics	Finite Distance Optical System
Observation Tubes	Tilting binocular,interpupillary 55-75mm
Viewing Head	Siedentopf head,inclined at 30°
Optical Coating	Transmittance ≥ 95%
Eyepiece	WF10X/18mm,with scale of cross hair
Objective	PL L10X/0.25 LWD 8.9mm
	PL L20X/0.40 LWD 3.75mm
	PL L40X/0.60 LWD 2.69mm
	SPL 100X/0.90 LWD 0.44mm
	*PL L50X/0.70 LWD 2.02mm
	*PL L60X/0.75 LWD 1.34mm
	*PL L80X/0.80 LWD 0.96mm
	*PL L100X/0.85 LWD 0.4mm
Nosepiece	Backward quadruple /Backward *Quintuple
Stage	Double layer mechanical stage 180×150mm, moving range 15mm×15mm
Focusing	Coaxial coarse and fine adjustment, fine division 2um
*Software	*Grain size analysis software
Illumination System	6V/20W halogen light, brightness adjustable
	Polarizer and analyzer
	Green, blue, yellow filter
Electricity	100-240V AC,50/60Hz
Package Dimension (W*D*H) (mm)	400×300×450
Gross Weight (Kg)	11
*Optional	Photo/Video attachment; Micrometer scale 0.01mm; Fluorescent attachment
*Optional Configuration	

Metallurgical Microscope

MSC-M53XF MSC-M53XFD MSC-M53XFP

MSC-M53XF

MSC-M53XFD

MSC-M53XFP

Description

It can be used for experiments and analytical research in metallography, mineralogy, crystals, microelectronics, etc. in factories, colleges and universities, scientific research institutions and electronics industry departments.

Features

Adopts infinite optical system, two lighting forms of transmission and reflection, and is equipped with polarizing device.
Bright field and polarized light observations can be performed under reflected light illumination, and bright field observations can be performed under transmitted light illumination.
Novel design, good performance, easy and reliable to use,
Optional metallographic image analysis software can be used to perform measurement, analysis and rating on the computer.

Specification

Model		MSC-M53XF	MSC-M53XFD	MSC-M53XFP
Optics		Infinity optical system		
Observation Tube		Trinocular, Interpupillary 53-75mm		
Viewing Head		Siedentopf head, inclined at 30°		
Eyepiece		WF10X/φ22		
Objective		Infinite plane achromatic objective		
		∞5X/0.12 WD26.10mm, ∞ 10X/0.25 WD20.20mm		
		∞40X(S)/0.60 WD3.98mm, ∞60X(S)/0.70 WD2.08mm		
Nosepiece		Quadruple nosepiece		
Total Magnification		50X-600X (Eyepiece x Objective)		
Stage		Double layers mechanical stage		
		Size: 210x140mm, moving range: 63x50mm		
Focusing		Coaxial coarse and fine focus adjustment with locking attachment.		
		Fine Focusing Scale 0.002mm		
Condenser		Abbe N.A.1.25 condenser with Iris diaphragm & filter		
Filter		Yellow, Green, Blue filter and ground glass		
Polarizing System		Both Polarizer and Analyzer can be moved out of the light path		
Light	Epi-illumination	Halogen bulb 6V/30W adjustable brightness		
Source	Transmission illumination	Halogen bulb 6V/30W adjustable brightness		
Computer Image Forming System		/	500W CMOS camera, adapter (Options: Depth of field fusion and overlay software)	/
PAD Image Forming System		/	/	10.5-inch Android system PAD, adapter

Polarizing Microscope

MSC-P3000

Description

It has an excellent design, requires less optical and mechanical maintenance, provides clear viewing and is easy to use.

Features

Excellent optical system.
Choice of high-performance objective lenses.
Ergonomic eyepiece observation tube.

Specification

Model	MSC-P3000
Optics	Infinite Optical System
Observation Tubes	Trinocular,interpupillary 55-75mm
Viewing Head	Siedentopf head ,inclined at 30°
Optical Coating	Transmittance ≥ 95%
Eyepiece	Large field eyepiece:WF10X(Φ22mm)
	Graduated ocular: 10X(22mm), 0.10mm/div.
Objective	Stress-free plan achromatic objective lens(no cover glass)
	PL L5X/0.12
	PL L 10X/0.25
	PL L 40X/0.60(spring)
	PL L 60X/0.70(spring)
Nosepiece	Quadruple nosepiece
Bertrand Lens	Push-in bertrand lens
Analyzer	Rotatable analyzer with gradation 0°-90°; Sliding in/out of optical path
Optical Compensator	λ , λ/4 and quartz wedge compensator
Stage	Diameter: φ150 mm, 360 ° equal scale, vernier scale 6 ‘, the center is adjust-able, with lock device
Condenser	Abbe condenser NA 1.25 with iris diaphragm&filter
Focusing	Coaxial coarse&fine adjustment,fine division 0.002mm, with locking and limiting device
Polarizer	360° rotatable
Illumination	6V 30W halogen lamp, brightness adjustable
Electricity	100-240V AC,50/60Hz
Package Dimension (W*D*H) (mm)	360*320*680
G.W.(kg)	13
*Optional	Microscope camera (Standard imaging software/*Petrographic software) / Win 10 Pad / Digital display

Polarizing Microscope

MSC-P200 MSC-P200T

Specifications

Model	MSC-P200	MSC-P200T
Optics	Finite Distance Optical System	
Observation Tubes	Tilting binocular,interpupillary 55-75mm	Tilting trinocular,interpupillary 55-75mm
Viewing Head	Sliding head ,inclined at 45°	
Optical Coating	Transmittance ≥ 95%	
Eyepiece	WF10X/18, WF10X/18mm with scale of crosshair 0.1 mm	
Objective	Strain free achromatic objective: 4X、10X、 40X、 63X	
Nosepiece	Quadruple nosepiece	
Analyzer	Rotatable analyzer with gradation 0°-90°; Sliding in/out of optical path	
Optical Compensator	λ Slip(first class red) ; 1/4λ Slip	
Stage	Diameter φ160mm, 360°rotatable and graduate in 1°increments, minimum resolution 6'when using venire scale, center adjustable	
Condenser	Abbe condenser NA 1.25 with iris diaphragm&filter	
Focusing	Coaxial coarse&fine adjustment, range 35mm, fine division 0.002	
Polarizer	360° Rotatable located	
*Software	/	Petrographic software
Illumination	6V/20W Halogen lamp, brightness adjustable	
Electricity	100-240V AC,50/60Hz	
Package Dimension (W*D*H) (mm)	420*280*570	440*300*580
Gross Weight (Kg)	10	11.5
*Optional	MSC-P200T: Microscope camera (Standard imaging software/*Petrographic software) / Win 10 Pad / Digital display	
*Optional Configuration		

Stereoscopic Microscope

MSC-ST45 MSC-ST45T MSC-ST7045 MSC-ST7045T

Specifications

Model	MSC-ST45	MSC-ST45T	MSC-ST7045	MSC-ST7045T
Optics	Finite Distance Optical System		Finite Distance Optical System	
Magnification	Zoom objective 7X-45X		Zoom objective 6.7X-45X	
Observation Tubes	Interpupillary distance adjustment: 54-76mm; Diopter adjustment: ±5 diopters		Interpupillary distance adjustment:54-75mm；Diopter adjustment:±5 diopters	
Viewing Head	Binocular head,inclined at 45°	Trinocular head,inclined at 45°	Binocular head，inclined at 45°	Trinocular head，inclined at 45°
Optical Coating	Transmittance ≥ 95%		Transmittance ≥ 95%	Transmittance ≥ 95%
Eyepiece	WF10X/20mm high-eyepoint, wide-field; Convenient for observers wearing glasses		WF10X/22mm high-eyepoint, wide-field; Convenient for observers wearing glasses	
	*Optional eyepiece15X/15mm,20X/10mm,25X/9mm,30X/8mm		*Optional eyepiece15X/16mm，20X/12mm，25X/9mm，30X/8mm	
Objective	0.7X-4.5X stereo zoom; Zoom ratio:6.4:1		0.67X-4.5X stereo zoom; Zoom ratio:6.7:1	
	*Aux lens:0.5X,0.7X,0.75X,1.5X,2X		*Aux lens：0.5X，2X	
Focusing	Focusing mount with vertical working distance 50mm		Focusing track mount with vertical working distance 104mm	
Stand	Vertical post: 240mm ; Diameter: φ32mm; With φ95mm B/W plastic & Perspex plate and paired clips; Base size:200×255×60mm		Track stand Vertical height：300mm；Mounting size：φ76mm；Focusing distance：106mm；With φ95mm B/W plastic & Perspex plate and paired clips；Base size：205×275×40mm	
Illumination	Transmitted and reflected LED illumination		Top and bottom LED illumination with an independent control；Input power：110v~240v	
C-Mount	1X C-Mount; *0.5X C-Mount; *0.3X C-Mount		MSC 1X C-Mount；*MSC 0.5X C-Mount；	
Electricity	100-240V AC,50/60Hz		100-240V AC,50/60Hz	
Package Dimension (W*D*H) (mm)	520*290*390	510*280*390	510*360*300	530*330*420
Gross Weight (Kg)	7	6.7	9	9
*Optional	MSC-ST45T: microscope camera (Standard imaging software) / Win 10 Pad / Digital display		3.35X-270X with optional eyepieces and objectives	
Notes: 3.5X-270X with optional eyepieces and objectives				
*Optional Configuration				

Stereoscopic Microscope

MSC-ST830

Features

- High performance continuous haploid visual microscope with doubling ratio of 1:8.3.
- The whole machine adopts modular structure, can easily access to photography, camera, coaxial lighting and other functions in the optical road, support the series of accessories, but also connect digital camera, facilitate on-site shooting.
- Non-coaxial image technique improves the edge clarity of the field and strong three-dimensional sense, which has good clear effect on observing bright background objects.
- Comfortable to use, large working platform, convenient operation and reliable performance.

Application

It can be widely used in medical and health care, agriculture and forestry geology, electronic precision. machinery and other industries and departments.

Specification

Model	MSC-ST830
Magnification	Zoom objective 6X-50X
Observation Tubes	Tilting Binocular, 360° rotatable, can be locked in any position desired; Interpupillary distance adjustment:48-75mm; Diopter adjustment:±5diopters
Viewing Head	Siedentopf head, Inclined at 45°
Eyepiece	WF10X/22mm high-eye point, wide-field; Convenient for observers wearing glasses
Objective	0.6X-5X stereo zoom; Zoom Ratio1:8.3
Focusing	Focusing track mount with vertical working distance 104mm
Working Distance	95mm
Illumination	Upper light source: halogen lamp;
	Lower light source:5W fluorescent lamp.
C-Mount	Three vision road annex
	SZM 1X C-Mount; *SZM 0.5X C-Mount; *SZM 0.3X C-Mount
Package Dimension (W*D*H) (mm)	390*350*500
Gross Weight (Kg)	6.6
*Optional configuration	

Teaching Microscope

MSC-T08 MSC-T08B

Specifications

Model	MSC-T08	MSC-T08B
Optics	Finite Distance Optical System	Finite Distance Optical System
Observation Tubes	Monocular vertical tube	Siedentopf binocular head
Optical Coating	Transmittance ≥ 95%	Transmittance ≥ 95%
Eyepiece	WF10× *WF16	WF10× *WF16
Objective	Achromatic objective:4X,10X,40X,100X	Achromatic objective:4X,10X,40X,100X
Nosepiece	Quadruple nosepiece	
Stage	Double layers mechanical stage 120×115mm/ 50×30mm	Double layers mechanical stage 120×115mm/ 50×30mm
Condenser	Abbe condenser N.A. 1.25	Abbe condenser N.A. 1.25
Focusing	Coaxial coarse and fine adjustment, fine division 0.002mm	Coaxial coarse and fine adjustment, fine division 0.002mm
Illumination	LED illumination,brightness adjustable	LED illumination,brightness adjustable
Electricity	100-240V AC,50/60Hz	100-240V AC,50/60Hz
Package Dimension (W*D*H)(mm)	340*240*470	340*280*450
G.W.(kg)	4.1	4.2

DC series USB3.0 CMOS camera

DC500 DC630 DC830 DC1800 DC2000

Description

The DSOEC camera system adopts Sony series CMOS sensor, adopts double-layer noise reduction technology, and has high sensitivity, low noise and ultra-high frame rate.

- DC series cameras integrate 12-bit ultra-fine hardware image signal processor video streaming engine; It realizes hardware demosaic adjustment, auto exposure, gain adjustment, one-click white balance, image chromaticity adjustment, saturation adjustment, gamma correction, brightness adjustment, contrast adjustment, etc. through this HISPVP. HISPVP transfers the traditional processing that should be processed by the computer CPU to the hardware processing, which greatly improves the transmission speed of the camera and reduces the occupancy rate of the CPU.
- Use USB3.0 data transmission technology to realize data transmission, fast and stable transmission.
- The DC series cameras can be used to capture brightfield or low light or fluorescence lightfield microscopy images.

Specification

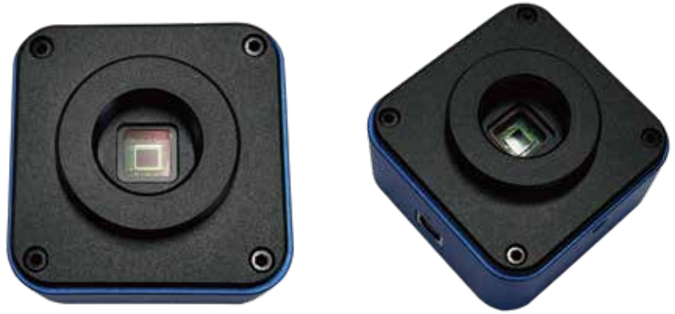
Model	Sensor model and size	Pixel (μm)	G light sensitivity Dark current	FPS/Resolution	Sampling average	Exposure time
DC500	5.1M/MT9P006 1/2.5" (5.70x4.28)	2.2x2.2	1.76v/lux-sec 67.74dB38.5dB	14.0@2592x1944 29.4@1280x960 103.1@640x480	1x1 2x2 4x4	0.1ms~2s
DC630	6.3M/IMX178 1/1.8" (7.37x4.92)	2.4x2.4	425mv with 1/30s 0.15mv with 1/30s	30@3072 x2048 38@1536x 1024	1x1 2x2	0.1ms~15s
DC830	8.3M/IMX334 1/1.8"(7.68x4.32)	2.0x2.0	505mv with 1/30s 0.1mv with 1/30s	35@3840x2160 60@1920x1080	1x1 2x2	0.02ms~15s
DC1800	18M/SONY 1/2.2 "(5.86x4.46)	1.2 x1.2	130mv with 1/30s 0.1mv with 1/30s	17@4880x3720 40@2448x1836 50@1728x1296	1x1 2x2 3x3	0.1ms~15s
DC2000	20M/IMX183 1 "(13.06x8.76)	2.4 x2.4	462mv with 1/30s 0.21mv with 1/30s	15@5440x3648 50@2736x1824 60@1824x1216	1x1 2x2 3x3	0.1ms~15s

Specification

Model	DC500 DC630 DC830 DC1800 DC2000
Hardware Configuration	
Spectral Response Range	380-650nm (with IR cut filter)
White Balance	ROI white balance/manual Temp-Tint adjustment
Color Reproduction Technology	Ultra-FineTM hardware ISP video processing engine
Capture & Control API	Native C/C++, C#/VB.Net, directshow, twain and labview
Recording Method	Images and videos
Cooling Method*	Natural cooling
Camera Work Environment	
Working Temperature (℃)	-10~ 50
Storage Temperature (℃)	-20~ 60
Working Humidity	30~80%RH
Storage Humidity	10~60%RH
Power Supply	The camera is powered via the USB interface
Software Operating Environment	
Operating System	Microsoft® Windows® XP/ Vista / 7 / 8 /10 (32 & 64 bit)
Computer Configuration	CPU:Intel Core 2 2.8GHz or higher
	Memory: 2GB or greater
	USB interface: USB3.0 high-speed interface
	(recommended) or USB2.0 interface
	Display: 20" or above (recommended high color gamut
	display with a resolution of 22 inches or above and a
	resolution of 1920 × 1080 or above)
	CD-ROM

USB2.0 CMOS Camera

EC530



Description

- The camera has high sensitivity, low noise and high frame rate; automatic setting of exposure, brightness, white balance, manual setting of exposure, gain, noise reduction, gamma, new generation ISP4.0 color restoration algorithm, and built-in 3D noise reduction.
- USB2.0 data transmission technology is used to achieve fast and stable data transmission.

Specification

Model	Sensor model and size	Pixel (μm)	FPS/Resolution	Sampling Average	Exposure Time
EC530	5.0M/SC535H 1/2.8′	2x2	30.0@2592x1944	1x1	1ms~1s

Specification

Model	EC530
Hardware Configuration	
Spectral Response Range	400-1100nm
White Balance	Automatic/manual white balance adjustment
Color Reproduction Technology	ISP video processing engine
Recording Method	Images and videos
Cooling Method*	Natural cooling
Camera Working Environment	
Working Temperature	-10~ 50℃
Storage Temperature	-20~ 60℃
Working Humidity	30~80% RH
Storage Humidity	10~60% RH
Power Supply	The camera is powered via the USB port
Software Operating Environment	
Operating System	Microsoft® Windows®XP/ Vista / 7 / 8 /10 (32 & 64 bits)
Computer Configuration	CPU: Intel Core 2 2.8GHz or higher
	Memory: 2GB or more
	USB interface: USB3.0 high-speed interface (recommended) or USB2.0 interface
	Monitor: 20″ or above
	(Recommended 22″ or above with a resolution of 1920×1080 or above and a high color gamut monitor)
	CD-ROM

10.1-inch Display Screen

Accessories

Description

It has high screen resolution and functions such as taking photos, video recording, measuring, and WIFI wireless display, making it easy to use.

Features

High definition: It has high resolution and 5 million effective pixels to ensure that the observer can clearly see the details of the sample.

Large display area: 10.1-inch display area so that the observer can see the entire sample area.

Powerful functions: It not only has the basic functions of taking photos, recording videos, measuring, and WIFI wireless display, but also has storage functions and image quality adjustments.

Specification

Product Name	10.1-inch integrated display screen
Sensor	SONY IMX335, 5M, 1/2.8 inch
Effective Pixel	5 million
Resolution	1200*1920 IPS HD
Output Interface	USB2.0*3, HDMI (USB connected to the computer can output synchronously with the screen)
Pixel Size	2μm*2μm
Electricity	DC-12V/2A
Basic Function	Taking photos, video recording, measurement, WIFI wireless display (Optional function: display on screen simultaneously)
Image Quality Adjustment	Exposure, color temperature, white balance
Camera	Mirroring, image freezing, flipping, wide dynamic range, zoom in, zoom out
Grid Line	Define the color and thickness of horizontal and vertical lines
Storage	Instant photography, video recording, image preview, dynamic comparison
Dimension	241.1*152.35*65.2mm
Net Weight	0.7kg
Standard Accessory	DC-12V/1A power supply

HD Win10 System Tablet Camera

Accessories

Description

It has the functions of image quality adjustment, storage and labeling, etc. The UI interface supports full mouse and touch operations, which is very convenient to use.

Features

High definition: It has high resolution and 16 million effective pixels to ensure that the observer can clearly see the details of the sample.

Large display area: 11.6-inch display area so that the observer can see the entire sample area.

Powerful functions: It has basic functions such as brightness, contrast, saturation, and white balance, as well as image quality adjustment and support for 1080P video recording.

Specification

Product Name	HD Win10 System Tablet Camera
Sensor Size	1/2.3 inch sensor
Effective Pixel	16 million
Display	11.6-inch, resolution: 1920 * 1080 IPS hard screen
CPU	Inter latest GLK platform
Operating System	-Windows10, 64-bit operating system
Wifi	2.4GHz/5GHz dual-band WIFI supports 802.11a/b/g/n/ac protocol
Bluetooth	Bluetooth 4.2
Interface	USB3.0, HDMI, WIFI, Gigabit Ethernet port
Pixel Size	1.335μm*1.335μm
Electricity	DC-12V/2A
Basic function	Brightness, contrast, saturation, white balance
Image Quality Adjustment	Exposure, flicker suppression, sharpness, Gamma, Cb/Cr gain adjustment
Camera function	Mirroring, flipping
UI interface	Support full mouse humanized operation and touch operation
Image & Video	Support 16 million pixel photo taking, support 1080P video
Storage	Instant photography, video recording, image preview, SD card formatting
Labeling Function	Point coordinates, crosshairs, coordinate systems, text annotations
Length Measurement	Straight line length, polyline length, curve length, parallel line distance, point line distance
Geometric Measurement	Length of line segment, fixed circle with radius, fixed circle with two points, fixed circle with three points, concentric circle, fixed circle with radius, fixed circle with two points, fixed circle with three points.
Geometric Area Measurement	Polygonal, square

10.5-inch Tablet Camera

Accessories

Description

It has a 10.5-inch high-definition touch screen with a better field of view, and a built-in 1/2 target area 4K camera, the details are clearly visible.

Features

Smart tablet camera with Android 11 system.

10.5-inch 3:2 high-definition screen, better field of view.

Built-in 1/2 target surface 4K camera, the details are clearly visible.

Rich external interfaces for easy use.

Built-in audio entertainment system, which is both industrial equipment and entertainment equipment.

WIFI6 adaptation, a good helper for interactive teaching.

Specification

Product Name	10.5-inch Tablet Camera
Sensor Size	1/2 inch sensor
Effective Pixel	8 million pixels, 4K
Display	10.5-inch high-definition full-lamination touch screen
Operating System	Android 11 version
Wifi	2.4GHz/5GHz dual-band WIFI supports WIFI6
Bluetooth	Bluetooth 5.0
Output Interface	USB3.0*2, USB2.0*1, HDMI, Gigabit Ethernet port
Pixel Size	2.0um*2.0um
Electricity	DC-12V/2A
Basic Function	Android interaction, seye2.0 measurement software
Image Quality Adjustment	Brightness, contrast, saturation, color temperature
Camera function	Mirroring, flipping, freezing, black and white
UI interface	Support full mouse humanized operation and touch operation
Image & Video	Support 4K photo taking and 1080P video recording
Storage	Instant photography, video recording, and image preview
Labeling Function	Point coordinates, crosshairs, coordinate systems, text annotations
Length measurement	Straight line length, polyline length, curve length, parallel line distance, point line distance
Geometric Measurement	Length of line segment, fixed circle with radius, fixed circle with two points, fixed circle with three points, concentric circle, fixed circle with radius, fixed circle with two points, fixed circle with three points.
Geometric Area Measurement	Polygons, rectangles
Measurement System	Measurement software
External Dimension	238.00*51.00*206.00mm
Net Weight	0.6kg
Standard Accessory	DC-12V/2A power supply