



Jinuosh
Technology

Make More Accurate

Testing Instrument Manufacturer



JINUOSH

TECHNOLOGY

JINUOSH

Guangdong Jinuosh Technology Co.,Ltd

TEL: +86 0769-23667277

Web: www.jinuosh.com

E-mail: Lucia@jinuosh.com

Facebook: Jinuosh AOI instrument

Address: Guanghui Industrial park,
Dongguan City,Guangdong Province

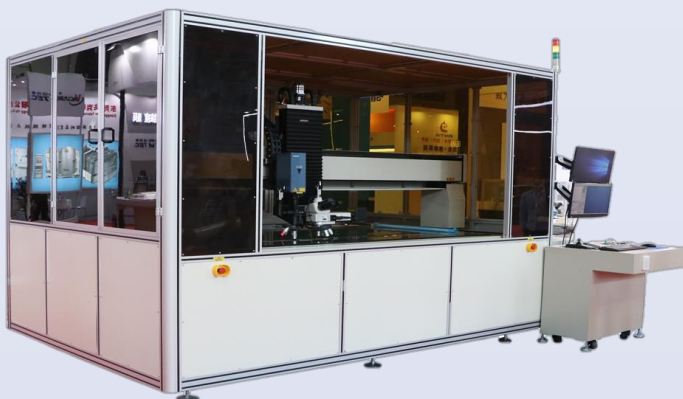
Product Catalog







● Dimension Measuring 1

- Rapid one-button measuring instrument ST/T series
- Automatic image measuring instrument C series
- Automatic image measuring instrument G series
- Automatic image measuring instrument S series
- Manual image measuring instrument M series
- Automatic tool metallographic measuring instrument V series
- Manual tool metallographic measuring instrument X series
- Manual tool metallographic measuring instrument MU series
- CPJ-3000 Projector

● Microscope

- Biological Microscope 5
- Metallographic microscope
- Continuous magnification Stereo microscope
- Video microscope
- Fluorescencemicroscope
- DIC microscope
- Polarize microscope
- Scanning electron microscope



Product	Type	Picture	Specification
Optical imaging coordinate measuring instrument C series	C300		Movement stroke: X axis 300mm~800mm Y axis:200mm~600mm Focusing stroke Z axis: 200mm Off-site accuracy: 3+ (L/250) μm
	C400		
	C600		
	C800		
Optical imaging coordinate measuring instrument G series	G600		Movement stroke: X axis 500mm~1500mm Y axis:600mm~2500mm Focusing stroke Z axis: 200mm Off-site accuracy: 2.8+ (L/250) μm
	G800		
	G1200		
	G1800		
	G2500		
Optical imaging coordinate measuring instrument S series	S300		Movement stroke: X axis 300mm~800mm Y axis:200mm~600mm Focusing stroke Z axis: 200mm Off-site accuracy: 2+ (L/250) μm
	S400		
	S600		
	S800		
Manual image measuring instrument M series	M2010		Movement stroke: X axis 200mm~500mm Y axis:100mm~400mm Focusing stroke Z axis: 200mm Off-site accuracy: 3+ (L/200) μm
	M3020		
	M4030		
	M5040		
One-button rapid measuring instrument ST series	ST 30A		Field of vision: 33mm*22mm 79mm*52mm 95mm*63mm Measurement Accuracy:2~4μm
	ST 80A		
	ST 100A		
One-button rapid measuring instrument T series	T100H		Field of vision: 95mm*63mm 190mm*127mm 238mm*159mm Measurement Accuracy:3~5μm
	T200H		
	T300H		

Manual tool metallographic measuring instrument



X series



MU series






1 .Optical Part:

Professional differential interference optical head is used.
Multilayer coating technology ensures clarity.
Light path and high power objective lens observation;
It is equipped with LED surface light and bottom light.

2. Host part:

The measuring platform made of granite and the marble gantry structure have four cushions between the marble and the base to achieve the anti-seismic effect. High precision manual grinding guide rail, maximum load-bearing workpiece weight: 50 Kg.t

Model	MU series				X series			
	MU2010	MU3020	MU4030	MU5040	X2010	X3020	X4030	X5040
Campaign Range (mm)	X:200mm Y:100mm	X:300mm Y:200mm	X:400mm Y:300mm	X:500mm Y:400mm	X:200mm Y:100mm	X:300mm Y:200mm	X:400 mm Y:300 mm	X:500 mm Y:400 mm
External Size (mm)	650*850*1650	700*850*1650	800*900*1650	850*1050*1650	600*750*920	700*850*920	800*950*920	850*1050*920
Marble Size(mm)	380*320	450*350	550*450	700*600	380*320	450*350	550*450	700*600
Glass Size(mm)	230*130	330*230	430*330	530*430	230*130	330*230	430*330	530*430
Weight(kg)	250kg	330kg	500kg	720kg	250kg	330kg	500kg	720kg
X/Y axis accuracy	2.5um+L/200							
Z-axis accuracy	1.5 um+L/50							
Load-bearing glass	20kg							
Power equipment	220V (AC) 50HZ							
Focusing Range(mm)	200mm(Z Axis)							

Product	Type	Picture	Specificatio n
Manual tool metallographic measuring instrument X series	X2010		Movement stroke : X axis 200mm~500mm Y axis:100mm~400mm Focusing stroke Z axis: 200mm Off-site accuracy: 3+ (L/250) μm
	X3020		
	X4030		
	X5040		
Automatic tool metallographic measuring instrument V series	V400		Movement stroke (mm): X axis 400mm~2400mm Y axis:300mm~1500mm Focusing stroke (mm) Z axis: 150mm Off-site accuracy: 3+ (L/1000) μm
	V600		
	V800		
	V1200		
	V1800		
	V2000		
Manual tool metallographic measuring instrument MU series	MU2010		Movement stroke : X axis 200mm~500mm Y axis:100mm~400mm Focusing stroke Z axis: 200mm Off-site accuracy: 2.5+ (L/200) μm
	MU3020		
	MU4030		
	MU5040		
Optical Projector	C-CPJ3000		Movement stroke : X axis 75mm~150mm Y axis:50mm Z axis: 90mm X and Y axis resolution:0.5μm
Height gauge	C-SR459		Function: origin setting, zero setting, power on/off, British/metric conversion, SPC data output, counting direction conversion, GO/±NG judgment SR44 (1)

One-button rapid measuring instrument



T series










ST series

Features

1. Fast: Multiple products can be measured at the same time. After the product is placed, only one button can measure the size of multiple products placed on the platform at the same time, subverting the traditional measurement mode.
2. No personal error: any person's measurement results are the same
3. Anyone can operate quickly and easily
4. The product can be placed at will, without any fixture
5. The data report can be automatically exported after the measurement is completed.
6. The design is generous, beautiful, the body uses high standard aviation aluminum to ensure the stability of the equipment
7. Powerful software processing system and precise algorithms to achieve high-precision measurement results








Measuring speed	≤1 seconds (within 100 dimensions)
Measuring basic functions	Point line circle arc angle distance parallel distance
Accessibility	Intersection parallel bisector vertical tangency
Geometric tolerance	Position tolerance shape tolerance tolerance
Image Sensor	20 million pixel CCD
Lens	Bilateral telecentric lens
Light source system	parallel backlight
Software	JN-AOS.2.0

Product	Type	Picture	Specification
Continuous stereo microscope	SZ series		The continuous magnification objective was 0.67x ~ 4.5x (6.7:1) and the standard magnification was 6.7x ~45X. Optional auxiliary objective lens, magnification 2X~225X.
	SZN series		High point wide field eyepiece 10/22mm, another can choose according to different needs of larger magnification :15X\20X\30X, all can be with micrometer function
	SZN71		The magnification of SZN71 can be expanded from 2X to 180X, the maximum distance can be about 280mm, The continuous magnification objective is 0.67-4.5X,
Parallel light path Stereo microscope	SZX12		Continuous magnification objective 0.63 ~ 8X, magnification ratio 12.5:1, built-in aperture diaphragm; The main magnification scales indicate 0.63x, 0.8x, 1X, 1.25x, 1.6x, 2X, 2.5x, 3.2x, 4X, 5X, 6.3x, 8X
Uplight metallographic microscope	CX40M		Flat field infinite long working distance achromatic metallographic objective (5x, 10x, 20x, 50x, 100x)
	MX4R		LMPL Infinite Long Range Metallographic Objectives 5X, 10X, 20X, 50X, 100X 30° hinged trinocular, splitter ratio, binocular: trinocular = 100:0 or 50:50
	MX6R		Semi-achromatic Metallographic Objectives with Infinite Long Operating Distance (5X, 10X, 20X, 50X,

CX40M Uplight Metallographic Microscope

Optical system	Infinite Distant Correction Optical System
Observing tube	30° tilt, unlimited hinged binocular observation cylinder, pupil distance adjustment: 54mm~75mm, unilateral visual adjustment: ± 5 diopter
	30° tilt, unlimited three-way hinged observation cylinder, pupil distance adjustment: 54mm~75mm, unilateral visual adjustment: ± 5 diopter, R:T= 100:0 or 50:50
Eyepiece	High point wide field of vision flat field eyepiece PL10X22mm
	High eye spot wide field flat field eyepiece PL10x22mm (with micrometer)
	High eye spot wide field flat field eyepiece PL10x22mm (viewability adjustable)
	High point wide field of vision flat field eyepiece PL15X16mm
Objective Lens	Flat field infinite long working distance achromatic metallographic objective (5x, 10x, 20x, 50x, 100x)
Objective Lens converter	Internal positioning five-hole converter
Stage	Double layer mechanical mobile platform, low hand X, Y direction coaxial adjustment; Platform area of 175X145mm, movement range: 76mmX42mm can be matched with reflective metal load plate, reflective dual-use glass load plate
Upper lighting system	Adaptive wide voltage 100V-240V_AC50/60Hz, reflector room, single high power 5WLED, warm color, Cora lighting, with field of view and aperture diaphragm, adjustable center, with oblique lighting
Lower lighting system	Self-adaptive wide voltage 100V-240V_AC50/60Hz, transmittance room, single high-power 5WLED, warm color
Condenser	Transmission with a shaking out achromatic condenser (N.A0.9), with a variable aperture aperture, adjustable center



Product	Type	Picture	Specification
Metallographic microscope	G-D20		10 x wide-angle eyepiece, the focal length of 25 mm, view Φ 18 mm. Long field achromatic objective 5X/0.12, 10X/0.25, 20X/0.45, 40X /0.60(Spring).
	G-D30		High point wide field of vision flat field eyepiece PL10X22mm Achromatic Metallographic Objectives: LMPL5x /0.15 /WD10.8 LMPL10x /0.3 /WD10 LMPL20x /0.45 /WD4
	G-D60		Light and shade field infinite long working distance metallographic objective lens 5X, 10X, 20X, 50X, 100X (optional)
	G-DR50		Light and shade field semi-achromatic metallographic objective (5X, 10X, 20X, 50X, 100X) The polarization system includes polarizer and polarizer, which can detect polarizing light. In semiconductor and PCB detection
Video Microscope	G-CCD745N		0.7---4.5X zoom objective 0.5X eyepiece, 1X objective lens (outfit) 1/3 Sensor chip, 800TVL (PAL) OSD menu
	G-CCD745P		1, 0.7---4.5X zoom objective 2, 10X eyepiece, view by eyepiece together 3, 12.6---81X (Customized magnification is available according to customers' need)
	G-CCD745S		Magnification: 12X---77X Eyepiece: 0.35X Standard 0.35X Objective: 0.7X---4.5X Zoom Range, magnification ratio 1 : 6.5 Auxiliary Lens: 0.3X, 0.5X, 0.75X, 1X, 2X For option



This universal bracket can be used for the connection of video microscope. It can rotate 360 degrees. The length of the cross-bar bracket is 330MM, and the connecting port is 25 inner diameter. Universal support can be:

Video Microscope









Video microscope is widely used in electronic, chemical and instrument industries to observe opaque substances. Such as metal solar panels, integrated circuits, electronic chips, circuit boards, liquid crystal panels, coating, and other non-metallic materials, some surface research and analysis work.

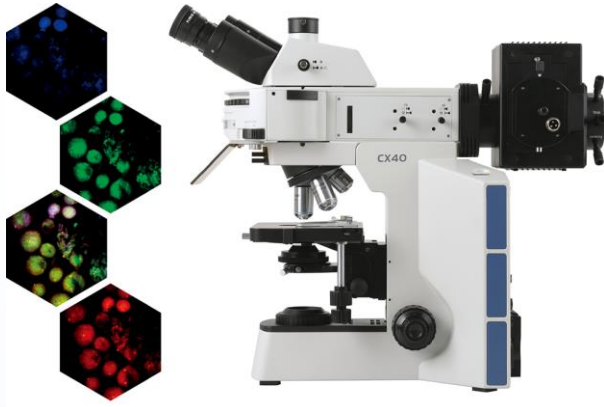
The video microscope will realize dynamic viewing, and the physical image can be directly observed on the computer.

The video microscope adopts the optical ZOOM system, and the image has no trailing phenomenon, the product has true color and wide application range

- No need to connect to PC, can directly connect to LCD for video image viewing.
- 1.3 million high resolution CMOS image sensor, video image clear, smooth.

Optical Lens	0.7---4.5X zoom objective
	0.5X eyepiece, 1X objective lens (outfit)
Working distance	100mm
Display	8 inch color monitor, resolution 640*480, OSD menu, with cross-line function
Digital Camera	1/3 Sensor chip, 800TVL (PAL) OSD menu
Output Interface	HDMI, VGA Interface
Magnification	12.6---81X (Customized magnification is available according to customers' need)
Function	Real time observation, measurement, storage, photo taking, comparison
Base bracket	Various base brackets are available, see the detail of the base bracket parts
Accessories	DC 12V 2A power supply, USB cable, CD-ROM

Product	Type	Picture	Specification
Video Microscope	G-CCD645		1. Magnification: 28 times ~ 260 times 2. FOV area: 3.5mm ~ 22mm 3. 5 mega pixel camera 4. 0.75x ~ 4.5x Zoom
	G-CCD845		1. Host: 0.7X -- 4.5X monocular lens (display total magnification 20-280 times) 2. 2.5 megapixel high-resolution CCD 3. CCD interface: 0.5x / 1X / (optional) 4. Auxiliary objective: 1.0x
Biological microscope	BH200		Achromatic objective lens (4 X、10X、40X、100X) WF20X/10mm of wide-angle eyepiece
Polarizing microscope	G-P40		30° tilt, unlimited hinged binocular observation cylinder Infinite long working distance stress elimination flat field objective 5X, 10X, 20X, 50X (semi-achromatic)
Differential interference microscope	G-D60		Bright field/dark field/oblique illumination/polarized light/transparent reflection. Infinite chromatic aberration correction optical system
Fluorescence microscope	G-P50		Infinite chromatic aberration correction system Infinite flat field achromatic objective (2X, 4X, 10X, 20X, 40X, 60X, 100X)
Inverted metallurgic microscope	IE200M		Finite Distant Optical System Long Working Anomaly Field Achromatic Metallographic Objectives (5X, 10X, 20X, 50X, 100X)
	XD30M		LMPL5X /0.15 /WD10.8 LMPL10X/0.3 /WD10 LMPL20X/0.45 /W



BH200 Biological microscope

BH200 biological series is widely used in teaching. The conventional configuration is high point and large field of vision flat field eyepiece PL10X/18mm. Other magnification and field of view can also be selected.

Smooth and stable rectangular base, two types of lens arm and lens base can be split, the image surface is not jitter when high power observation, ensure to provide stable and high-quality microscopic images. Various lighting systems are available.



In addition to conventional organisms, it can also be extended to various types of microscopes, such as fluorescence, digital, metallographic and polarized light, and can realize the observation methods of bright field, dark field, fluorescence, simple polarized light, phase contrast and so on.

Eyepiece	High-eye point large-field eyepiece PL10X/18mm, adjustable with pointer, micrometer, view
	High eye spot large field flat field eyepiece PL10X/20mm
	WF15X/13mm of wide-angle eyepiece
	WF20X/10mm of wide-angle eyepiece
Objective Lens	achromatic objective lens (4 X、10X、40X、100X)
	Finite Far-flat field achromatic objective lens (4 X、10X、20X、40X、100X)
	Finite Far-flat Field Negative Phase Lining Mirror (10 X、20X、40X、100X)

