



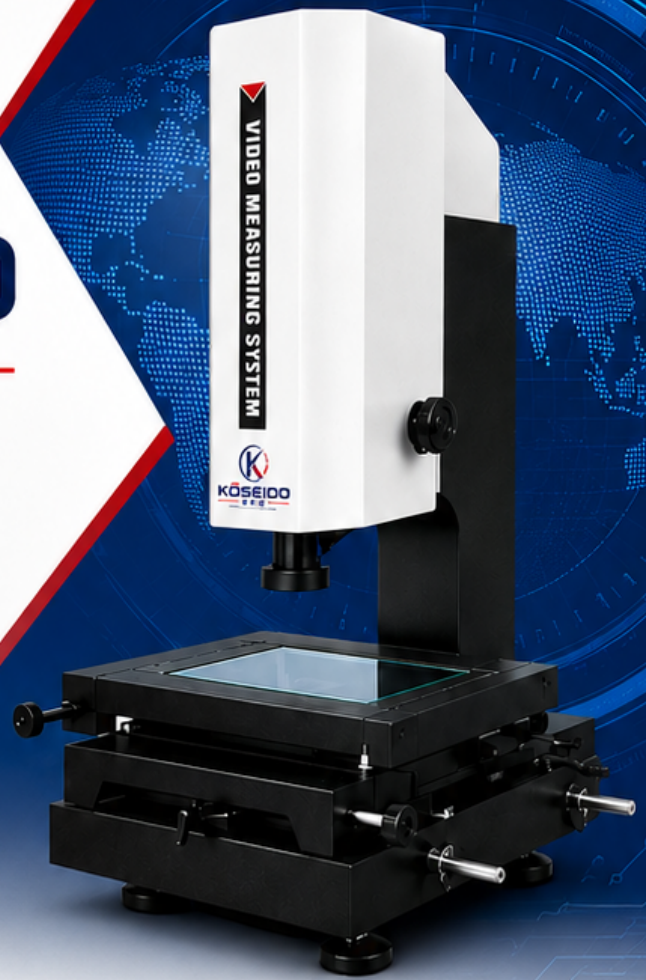
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VIDEO MEASURING SYSTEMS

ADVANCED MEASUREMENT.
PERFECT RESULTS.



**HIGH
ACCURACY**

Advanced optics &
precision mechanics



**PRECISE
MEASUREMENT**

Consistent results
you can trust



**HIGH
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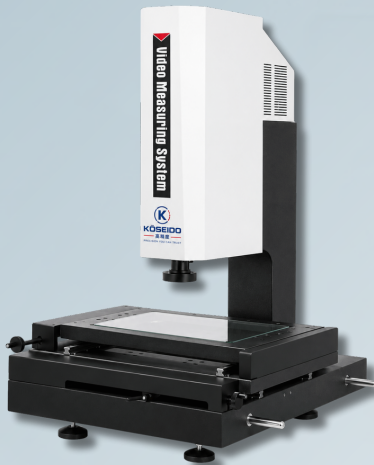
User-friendly operation
for faster inspection



**DURABLE &
RELIABLE**

Built for long-term
performance

OUR PREMIUM MEASURING SOLUTIONS



Manual Video Measuring System



Semi-Automatic
Video Measuring System



Fully Automatic
Video Measuring System

PRECISION MEETS PERFORMANCE

Koseido delivers world-class video measuring solutions designed for accuracy, efficiency and reliability across every industry.



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FOR TODAY



PERFORMANCE
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QUALITY
FOCUSED



TRUSTED
WORLDWIDE



SEMI-AUTO VIDEO MEASURING SYSTEM



Semi-auto KJ Series

Semi-auto Vision Measurement Machine. X/Y axis control manually, Z-axis CNC motion control (including auto focus function eliminate the human focus error, enhance measurement accuracy and stability) . Z-axis with high accuracy linear guide.

Features

- Drive resolution X/Y axis control manually, Z-axis CNC motion control.
- With auto focus function, make your operation easier
- Auto Zoom Lens: 0.7X - 4.5X
- High precision granite base, column, to ensure high stability and rigidity.
- Software assisted dimming, so that users can know whether the light is over-saturated.
- Bottom light source lamp makes the imaging effect clearer.



Structure



Hardware

■ Integrated structure, High precision granite base

Max loading weight is 20KG, Use high precision natural granite to ensure the stable operation of the equipment, and has good temperature stability, not easy to deformation.



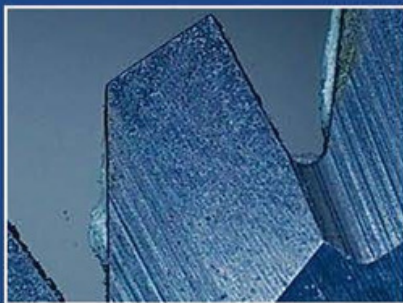
■ Motorized Focus

Z axis Linear guideway+motor control.
Auto Focus.



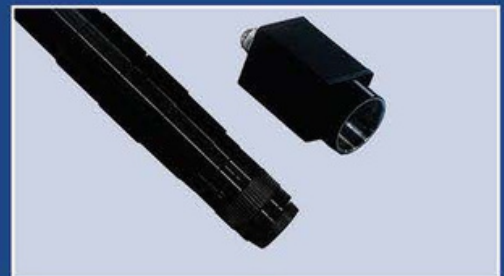
■ Wide ranging zoom optics streamline dimensional measurements.

Efficient program creation and dimensional measurement are achieved as magnification can be changed at high speed, whilst maintaining highly accurate measurement. So more convenient to test precision sample's size.



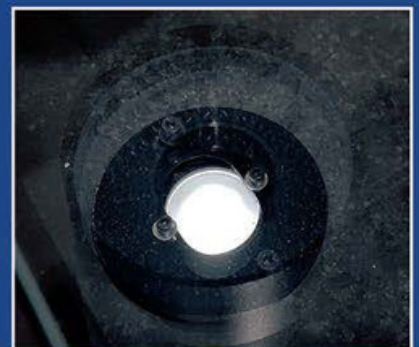
■ CMOS image sensor

See clearly, Accurate in measurement, high resolution color camera high definition image effect, high quality picture.



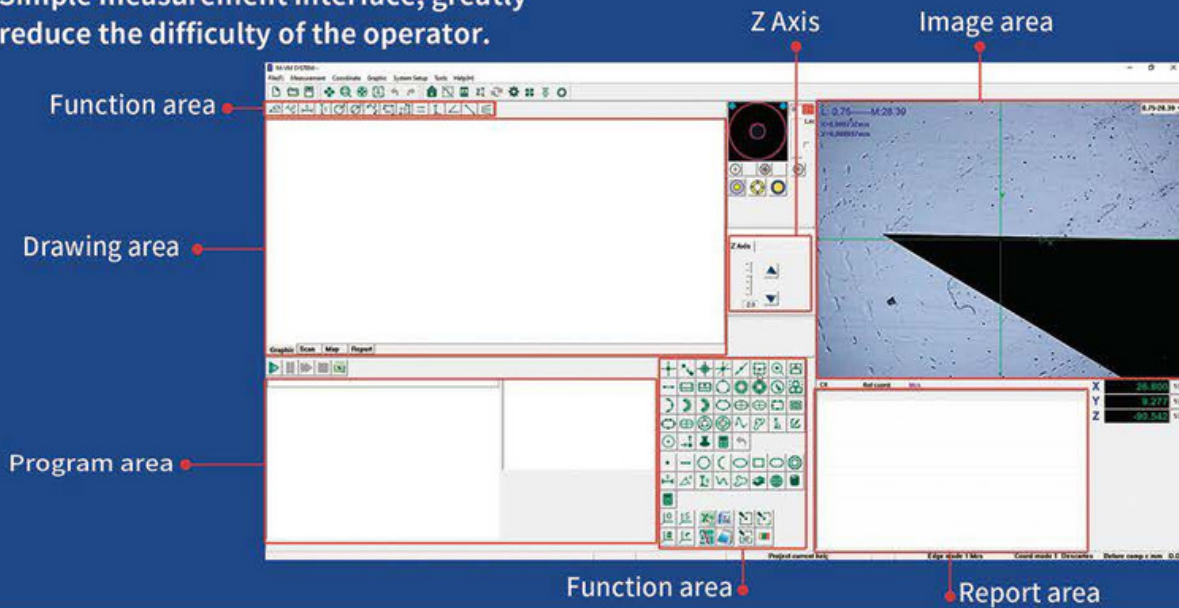
■ Optical system

Manual operation measurement, the lens and light source position can be adjusted up and down, easy to operate. LED cold light source to avoid heat deformation of the work piece under test. Various forms of light source, ensure to meet the diversity of measurement requirements, software assisted dimming, so that users know whether the light is over-saturated.



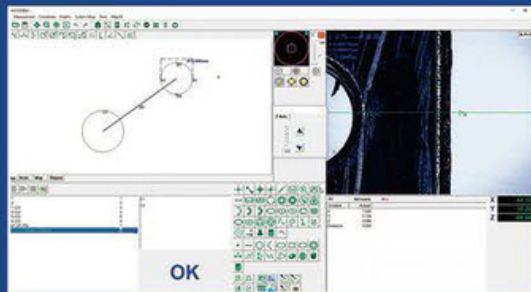
Software

- Simple measurement interface, greatly reduce the difficulty of the operator.



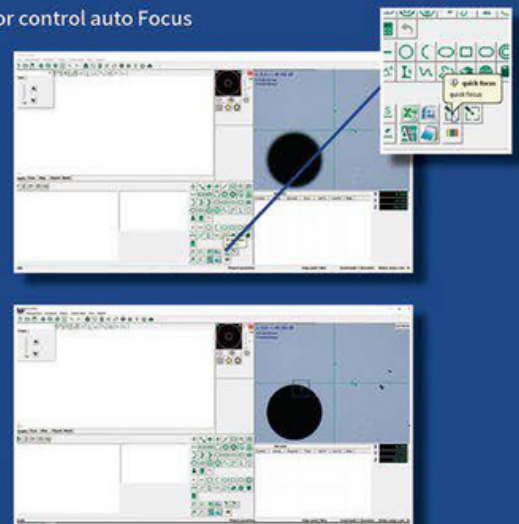
- Multi-functional software

Switch into CNC program, quickly match measurement, navigation image "real-time navigation" function, with the fastest speed to locate the work piece to measure the position for efficient programming.



- Auto Focus

Motor control auto Focus



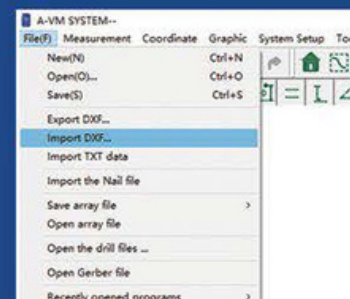
- Intelligent edge

Reduce the error caused by personnel improper operation.



- Graphic correlation

Software can import CAD files, can realize the standard drawing file and workpiece comparison function.

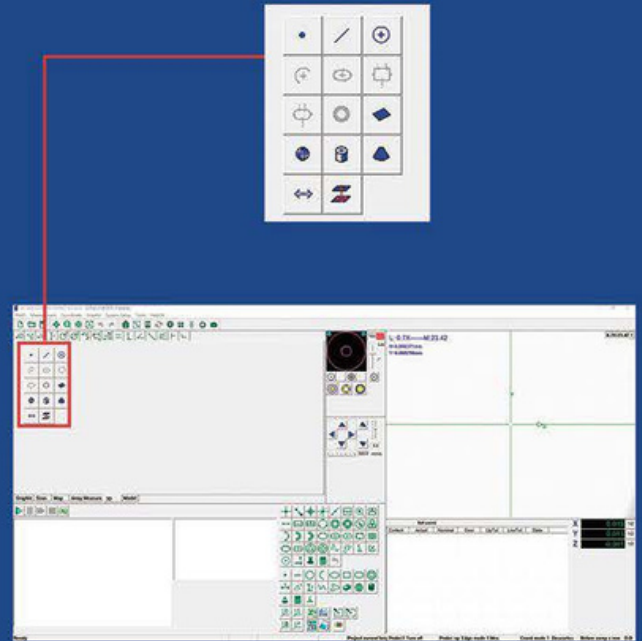


| Optional

Optional probe can have 3D measuring function, intuitive 3D graphic display, let users improve the efficiency of probe measurement.



Renishaw MCP probe



Illumination unit: White LED 4-ring 8-area programmable ring light source



Specification

MODEL	KJ-M2010H	KJ-M3020H	KJ-M4030H	KJ-M5040H
X-Y-Z STROKE (mm)	200×100×200	300×200×200	400×300×200	500×400×200
Granite size (mm)	370×230	450×350	570×460	700×560
Stage glass size (mm)	228×128	328×228	428×328	528×428
Max loading weight	20KG			
Observation and Image	1/2 "GIGE Color Camera,1.3MP			
	Zoom Lens:0.7X- 4.5X Working distance:90mm			
	Monitor magnification :40X-250X			
	KOSEIDO KJ-M-VM SYSTEM Software			
X/Y Accuracy	(3+L/200)μm (L is the measured length,unit mm)			
Z Accuracy	(5+L/50)μm (L is the measured length,unit mm)			
Illumination unit	White LED Transmitted Illumination			
X/Y axis control	Manually			
Z axis control	Motion control (Including Auto Focus function)			
Power Source	AC220V/50Hz			

More Accessories Optional

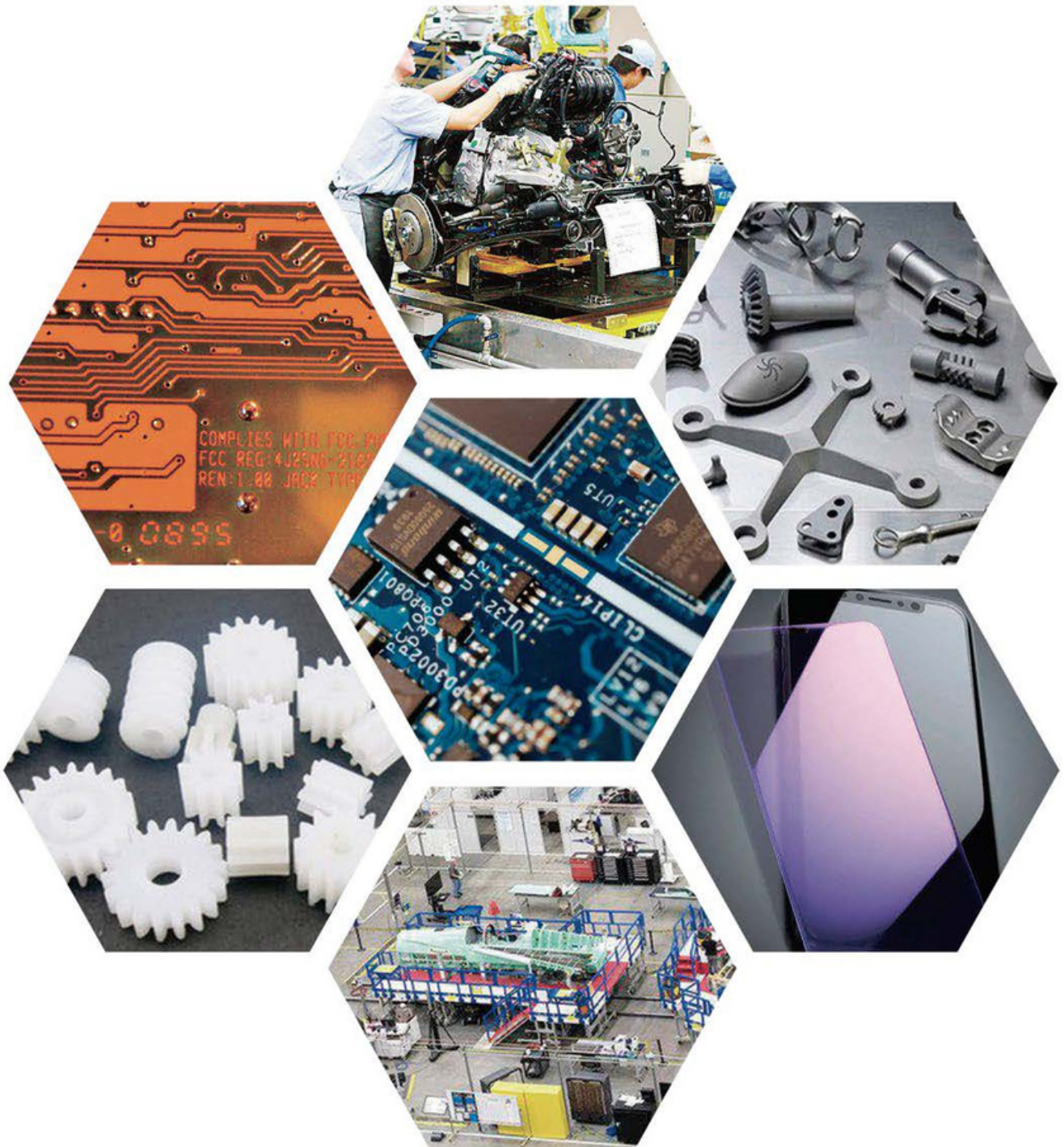
Z Axis	250mm 300mm 350mm 400mm(Other options)
Lens	Motorized zoom lens 0.7-4.5X + coaxial light source
	Motorized zoom lens 0.7-4.5X + coaxial light source + polarized light
	Motorized zoom lens 0.58-7.5X without coaxial light source
	Motorized zoom lens 0.58-7.5X + coaxial light source
	Motorized zoom lens 0.58-7.5X + coaxial light source + polarized light
	Manual zoom lens 0.58-7.5X
	Manual zoom lens 0.58-7.5X + coaxial light source
	Manual zoom lens 0.58-7.5X + coaxial light source + polarized light
Touch Probe	Renishaw or Other options
Ring light	White LED 4-ring 8-area programmable ring light source (Auto control the brightness)
Computer	Lenovo or other

Application area

■ MACHINERY: SHEET METAL, MOULD & DIE, GEAR, TURNING PARTS LIKE BEARINGS, SHAFT.

■ ELECTRONICS: PHONE & TABLET SHEET, PCB, WATCH PARTS, ETC.

■ PLASTICS: MOBILE PHONE CAMERA PLATE, COVER, FRONT BEZEL, SLIDE PLATE, ETC.





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