

# Mikrosize®

## iVision Toolmakers Microscope



### Contact us

**Mikrosize Precision Instrument Co.,Ltd**

A-4035 RuiFeng Business Expo, Wuhu City, China , 241000.

Web: [www.mikrosize.com](http://www.mikrosize.com)

Email: [mikrosize@mikrosize.com](mailto:mikrosize@mikrosize.com)



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## Product Feature & Application

iVision Toolmakers Microscope has significant advantages and wide applications. Its Z-axis coarse and fine adjustment focusing is stable, the software automatically finds the edge and the operation is simple. The sub-pixel subdivision technology improves the image resolution, and the light source adjustment is convenient and accurate. The workbench made of aviation aluminum and cast iron has stable performance and is not easy to deform. This measuring instrument is widely used in many industries such as hardware, electronics, and molds. It can conduct precise detection of the size, shape, and position tolerance of workpieces, meeting the needs of part inspection, profile measurement, and process control.

## Technical Specification

Model	iVision-2010	iViision-3020	iVision-4030
<b>X*Y Motion Range(mm)</b>	200*100	300*200	400*300
<b>Z-axis Motion Range (mm)</b>	150	150	150
<b>External Dimensions(mm)</b>	700*820*850	750×520×1180	950*650*1050
<b>Net Weight(kg)</b>	120	180	240
<b>Workbench Load-bearing Capacity(kg)</b>	30		
<b>Image Sensor</b>	Optional		
<b>Metallographic Lens</b>	Optional		
<b>Accuracy(um)</b>	X/Y:2.0+L/200μm		
<b>Minimum Display unit(mm)</b>	0.0001		
<b>Light Source</b>	Surface light:LED coaxial light source Bottom light source:LED parallel light source		
<b>Software</b>	Mikromea-M 2.5D Manual Measuring Software		
<b>Working Environment</b>	Temperature:22°C±2°C Humidity:30~80% Vibration:<0.002mm/s,<15Hz		
<b>Power</b>	220V/50Hz		



## Packing List

Number	Name	Specification	QTY
1	Mainframe	Cast Iron Workbench	1pc
2	Data Box	Customized	1pc
3	Grating Scale	0.1um Metal-Patch Grating Scale	3pcs
4	Guide rail	HIWIN Linear Guide Rails from Taiwan	1pc
5	Transmission System	X and Y lead screws with fine adjustment	2pcs
6	Z-axis Transmission System	Z-axis adopts both coarse and fine adjustment	1pc
11	Instrument Operation Manual	Mikrosize	1 copy
12	Certificate of Conformity, Warranty Card	Mikrosize	Each 1copy