

## InspecVista 2D

For Microscope related Applications



Measuring range of XYZ axis:-150X100X100mm 200X100X100mm 200X150X150mm

Aluminum Machine base

Video system for DRO - 1/3" 2Mpixel HDMI camera and For Vision software - 1/3"
1.3Mpixel USB camera

Multiple LEDS white ring light; Green backlight

0.001mm scale resolution (0.0005 or 0.0001mm optional)

Easy Focus of camera using ergonomically positioned Z axis hand wheel.

Specifications	1510	2010	2015		
Measuring range - X Axis	150 mm	200 mm	200 mm		
Measuring range - Y Axis	100 mm	100 mm	150 mm		
Travel range - Z Axis	100 mm		150 mm		
Machine base	Aluminium				
Video system	For DRO System - 1/3" 2Mpixel HDMI camera; For Vision software system - 1/3" 1.3Mpixel USB camera				
Imaging Optics	Zo	oom lens 0.7X to 4.5X optical magn	ification		
Ring Light	Mι	ultiple LEDS white ring light; Green	backlight		
Scale resolutions	0.001mm scale resolution (0.0005 or 0.0001mm optional)				
Accuracy	5 + L / 100 μm (L in mm)				
Maximum work piece weight	15 kg				
Measuring Tool	In DRO system - EL25 / EL250 / EL500 In Vision software system - VMS 2100				
Power Requirement		90 - 265 VAC, 50/60Hz			



## Comparison of measuring tool for InspecVista 2D

Specifications	EL25	EL250	EL500	VMS 2100
Basic Measurements like Point, Line, Circle, Arc	✓	✓	✓	✓
Basic Constructions		✓	✓	✓
Advanced Constructions				✓
Basic Dimensions			$\checkmark$	✓
Advanced Dimensions				✓
SPC			$\checkmark$	✓
GD&T			$\checkmark$	✓
Report				
Word				$\checkmark$
Excel			With PC interface	$\checkmark$
PDF				$\checkmark$
Text				✓
DXF Import				✓
DXF Export				$\checkmark$
Measurement on Cross hair	✓	$\checkmark$	$\checkmark$	✓
Measurement on Fibre edge finder			✓	
Automatic edge detection algorithm over image			✓	✓
Requirement of PC	For result backup only	For result backup only	For reports only	<b>√</b>



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Owning to continuous product Research & Development, design specifications are liable to change.

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Version: InspecVista 2D20082019

Code: 0073-50-0401