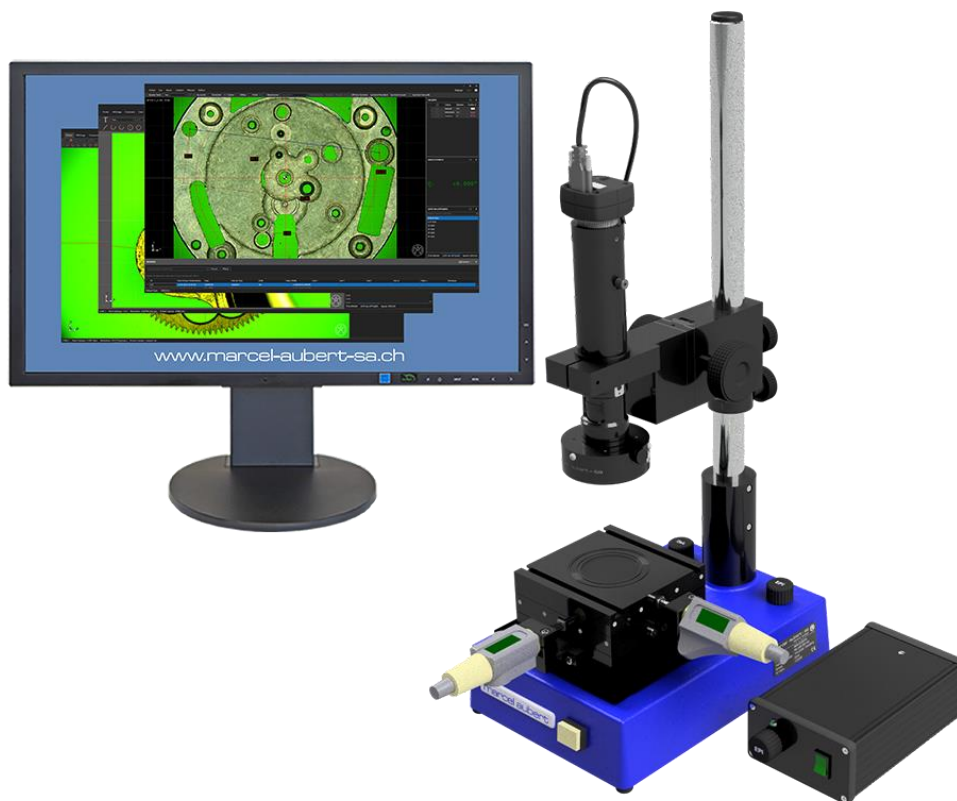




OpenSYS 25 / 50 Compact

Video measuring system

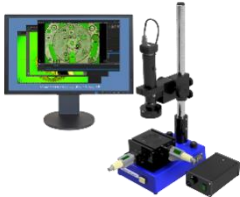

MA 331



This entry-level system offers great ease of measurement. Its small size and weight makes it particularly practical in a workshop. Its simplicity of use is an asset for any operator.

- Cast iron base.
- Manual X-Y table.
- Quick-displacement Z column.
- Integrated rotary table.
- Digital micrometers.
- Zoom-optics or fixed optics with indexes.
- 3.2 Mpx USB 3.0 color camera.
- LED circular illuminator.
- Computer with 27" monitor.
- Wide choice of measuring and comparison software.

Technical specifications

	 OpenSYS 25 Compact	 OpenSYS 50 Compact
X-Y table range [mm]	25x25 manual	50x50 manual
Table precision [mm]	0.01 / 25	
Z column range [mm]	230	
Digital micrometers X-Y axis	BST	Sylvac
Weight (kg)	19	12
Dimensions column lowered (W x D x H) [mm]	290 x 390 x 580	350 x 470 x 580

Optical choice 1

Camera	Color 3.2 Mpx USB 3.0		
Optics	Fixed		
Magnifications *	20X to 250X		
Fields of view [mm]	21.1 x 15.8 to 1.9 x 1.4		
Pixel resolution [μm] **	10.2	to	0.9
Focal length [mm]	36	to	100

Optical choice 2

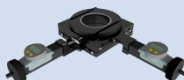
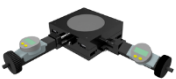
Camera	Color 3.2 Mpx USB 3.0		
Optics	6.5X zoom / 4 indexes with or without coaxial illuminator		
Magnifications *	30X to 200X		
Fields of view [mm]	15.1 x 11.4 to 2.4 x 1.8		
Pixel resolution [μm] **	7.4	to	1.1
Focal length [mm]	92		

* = Indicated magnifications are calculated on 27" monitor and may be reduced by up to 12% according to the software configuration.

** = Camera pixel size / (sensor size / field of view)

Software				
Functions	VideoPIC 	VideoDOC 	VideoRET Plus 	M3 FOV 
Displaying a reticle / cross	✓	✓	✓	✓
Saving an image	✓	✓	✓	✓
Saving measurements	-	✓	✓	✓
Measuring / displaying angles	-	✓	✓	✓
Distance measurement	-	✓	✓	✓
Importing and comparing DXF drawing	-	-	✓	✓
Diameter and radius measurement	-	✓	✓	✓
Measurement protocol	-	✓	-	✓
Displaying and moving up to 2 pairs of lines	-	-	-	-
Displaying and moving up to 3 pairs of lines	-	-	-	-

Table variants

	Table 50x50 manual (Precision 0.01mm / 50mm) MA 143-5-006		Rotary table 50x50 manual (Precision 0.01mm / 50mm) MA 143-5-008
	Table 50x50 manual (Precision 0.005mm / 50mm) MA 143-6-011		Rotary table 50x50 manual (Precision 0.005mm / 50mm) MA 143-6-012

Options

	Crocodile-pliers for T-slot MA 143b		Crocodile-pliers on round support MA 143-010-01
	Clamp with parallel jaws for T-slot MA 143b-001		Clamp with parallel jaws on round support MA 143-010-02
	Collet holder for T-slot MA 143bZ		Collet holder on round support MA 143-010-03
	V-block with spring clip for T-slot MA 143c		V-block with spring clip on round support MA 143-010-04
	±15° rotating between centers clamping bracket for T-slot MA 143a		Vice (capacity 15mm) MA 143b-004
			Adjustable vice (capacity 15mm) MA 143b-005