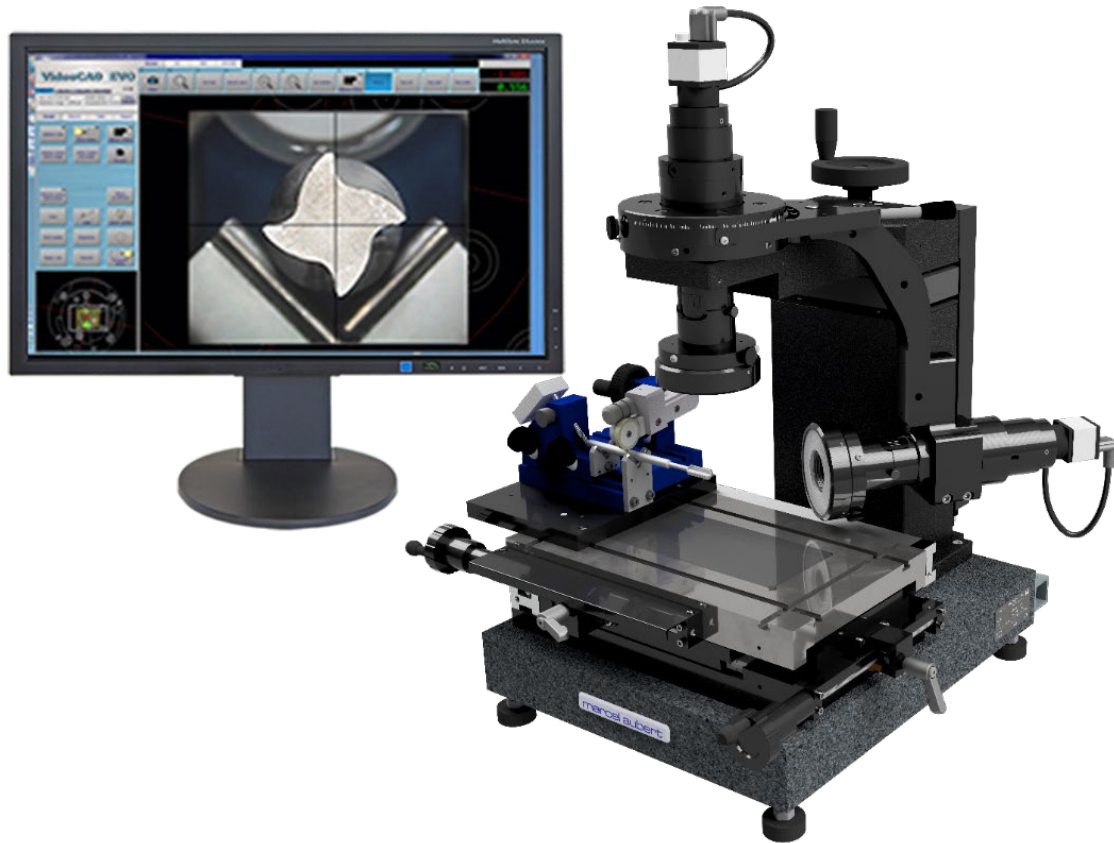


Rotatif 150 / 200

Video measuring system

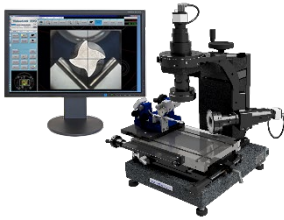
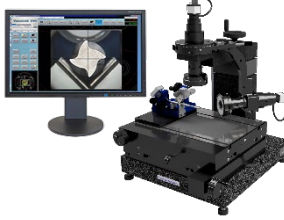
MA 185, MA 186



This special machine is designed specifically to measure cutting tools. Vertical optics are used to measure diameters and lengths of a rotating tool. Horizontal optics measure the tool and stabilize the orientation of the tool. The second horizontal optics turn around the fixed tool allowing the measurements of different angles with great reliability.

- Granit base.
- Manual X-Y table.
- Manual precision Z column.
- Zoom-optics with 8 indexes.
- 2.3Mpx USB 3.0 color camera.
- Concentricity measuring tool.
- LED circular illuminator.
- Computer with 24" monitor.
- Glass chromium deposit calibration ruler.
- Wide choice of measuring and comparison software.

Technical specifications

	 Rotatif 150	 Rotatif 200
X-Y table range [mm]	150x70 manual	200x100 manual
Table precision [mm]	0.003 / 100	
Z column range [mm]	150	
Column precision [mm]	0.030 / 100	
X-Y axis rulers	Heidenhain (Display resolution : 0.001mm)	
Z axis rulers	Heidenhain (Display resolution : 0.001mm)	
Weight (kg)	57	105
Dimensions column lowered (W x D x H) [mm]	575 x 440 x 550	555 x 515 x 595

Optical choice 1



Optics	Zoom 12X / 8 indexages
Magnifications *	35X to 410X
Camera	Couleur 2.3Mpx USB 3.0
Fields of view [mm]	14.7 x 9.2 to 1.2 x 0.8
Focal length [mm]	86
Pixel resolution [μm] **	7.6 to 0.6

Optical choice 2

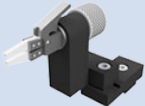




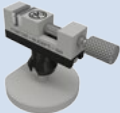
Optics	Zoom 12X / 8 indexages
Magnifications *	70X to 820X
Camera	Couleur 2.3Mpx USB 3.0
Fields of view [mm]	7.3 x 4.6 to 0.6 x 0.4
Focal length [mm]	37
Pixel resolution [μm] **	3.9 to 0.3

* = Indicated magnifications are calculated on 24" monitor and may be reduced by up to 12% according to the software configuration.

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

Software		
Functions	VideoCAD EVO 	VideoSYMBOL 
Displaying a reticle / cross	✓	✓
Saving an image	✓	✓
Saving measurements	✓	-
Measuring / displaying angles	✓	✓
Distance measurement	✓	-
Depth measurement	✓	-
Importing and comparing DXF drawing	✓	✓
Diameter and radius measurement	✓	-
Measurement protocol	✓	-
Automatic measurement by image processing	✓	-
Display of X and Y axis	✓	-
Display of Z axis	✓	-
Display axis with digital calculator QC200	-	✓

Options

	<p>Crocodile-pliers for T-slot MA 145b (150) MA 146b (200)</p>		<p>V-block with spring clip for T-slot MA 145c (150) MA 146c (200)</p>
	<p>Clamp with parallel jaws for T-slot MA 145b-001 (150) MA 146b-001 (200)</p>		<p>Vice (capacity 15mm) MA 143b-004 (150 / 200)</p>
	<p>Collet holder for T-slot MA 145bZ (150) MA 146bZ (200)</p>		<p>Adjustable vice (capacity 15mm) MA 143b-005 (150 / 200)</p>