




Recto Verso

... for simultaneous inspection of opposite sides of a product



Marcel Aubert SA has created the device  for simultaneously checking two opposite sides of a product. The system guarantees a single reference for both “top and bottom” views, so you can inspect your products without support by defining your measurement references on the opposite side to those being inspected.

A video system equipped with two zoom lenses and color cameras enables you to compare the profile of your part (video image) with a digital drawing in DXF or DWG format.

Specifications :

Axis X/Y measuring range	200 x 100 mm	200 x 100 mm	150 x 70 mm
Axis X/Y motorization	yes	no	no
Axis X/Y measuring scale	yes	yes	yes
Axis Z measuring range	Recto 180 mm / Verso 75 mm (max. tool height)		
Axis Z motorization	oui		
Axis Z measuring scales	Column : Recto / Verso		
Zoom	12X (with 8 indexes)		
Fields of view Recto max. / min.	21.7 x 18.2 mm / 1.8 x 1.5 mm		
Fields of view Verso max. / min.	24.5 x 18.4 mm / 2.0 x 1.5 mm		
Magnification max. / min.	235X / 20X		
Working distance Recto	86 mm		
Base material	Granite		
Precision column	yes		
LED illuminators	Incident / Coaxial / Transmitted		
Software	VideoPLAN		
Monitor	27"		
Cameras	USB3 (25 frames / second).		
Dimensions W x D x H	1130 x 820 x 1450 mm		
Weight	365 kg		
Color	black		

Comparison and measurement software :

- Freedom of part positioning with drawing positioning and alignment.
- High measuring accuracy with magnifications perfectly adapted to your requirements.
- Large measuring capacity defined by cross table travel (up to 200 mm).
- Display resolution 0.001 mm.
- Real-time digital zoom with automatic image and drawing adaptation.
- Digitalization, display and recording of form deviations.
- Maximum contrast in episcopic view thanks to sensitive video equipment.
- Direct access to the most frequently used functions via keyboard programming.
- New construction and drawing functions.
- Digital display of cross table coordinates in relation to the reference part.
- Save video images with overlay of drawing and measurements in: jpg / bmp.
- Unlimited number of saved calibrations.
- Import of CAD files in DXF and DWG (AutoCAD) formats.
- Direct printing from software and standard Windows® applications (Paint, Word, etc.).