




Recto Verso  
Becfo AGL20

with comparison software VideoCAD EVO

to control simultaneously both sides of a workpiece



Marcel Aubert SA developed the  concept to control simultaneously both sides of a workpiece. The system works with one referential for both view (upper and downer). The workpiece can thus be checked, without any special holder, by defining the measurement references on the opposite side to the one to be controlled.

The video system, which includes two color cameras mounted on two zoom-optics, allows you to compare the profile of the workpiece (video image) to a digitalized .dxf drawing.

## Specifications:

Axes measuring range X/Y	200 x 100 mm	200 x 100 mm	150 x 70 mm
Axes motorisation X/Y	yes	no	no
Axes encodes X/Y	yes	yes	yes
Axe measuring range Z	Recto: 180 mm / Verso: 75 mm (max tool height)		
Axe motorisation Z	yes		
Axe encodes Z	Column: Recto / Verso		
Zoom	12x		
Field of view max. / min (h x b)	17.5 x 14.0 mm / 1.44 x 1.15 mm		
Magnification max. / min.	240x / 20x		
Working distance Recto	86 mm		
Base material	Granite		
Precision column	yes		
LED illuminators	Incident / Coaxial / Transmitted		
Software	VideoCAD EVO		
Monitor	24"		
Camera sensor	CMOS ½" USB (25 frames / second)		
Dimensions w x d x h	1000 x 800 x 1745 mm (maximum)		
Max. weight	365 kg.		
Color	black		

## Measuring and comparison software VideoCAD EVO

- Free placing of work pieces with aligning and positioning of the drawing.
- High measurement accuracy thanks to magnifications suiting your requirements.
- Large measuring capacity defined by the moving range of the cross table (up to 300 mm).
- Display resolution 0.001 mm.
- Live numerical zoom with automatic adjustment of the drawing and the video image.
- Digitalization, display and recording of the form deviations.
- Best contrast with incident light due to the sensitivity of the video equipment.
- Direct access to the main functions (individually programmable) with the keyboard shortcuts.
- New construction and drawing functions.
- Digital display of the coordinates of the cross table according to the work piece.
- Saving of the video image including drawing and measurements in format: jpg / bmp
- Unlimited number of registered calibrations.
- Import of CAD files in DXF (AutoCAD).
- Direct printing with VideoCAD EVO or Windows applications (Paint, Word, etc.).