

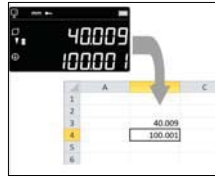
Vertical Measuring instruments

Height Gauges V5, V6 and V9



- Measuring ranges 400, 700 and 1100 mm
- Electronically adjustable measuring force
- Standard probes up to 400 mm
- All adjustments possible without tools
- Wireless data transfer (optional)

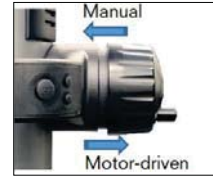
- Extremely easy to use
- Manual or motor-driven displacement
- Vast range of accessories
- RS232 et USB interfaces



The data transfer via the USB, RS232 port or Wireless is very easy



Squareness measurements with electronic probe



Instant switch from the manual to the motor-driven mode



The motorization guarantees a perfectly constant measuring force



Simultaneous display of diameter and centerline



Height, thickness and chain of dimensions measurements



Standard measuring inserts up to 400 mm, with excellent repeatability



- Measuring ranges 400, 700 and 1100 mm
- Electronically adjustable measuring force
- 2d, programming, statistics
- All possible adjustments without tools
- Wireless data transfer (optional)

- Exceptional precision level
- Manual or motorized displacement
- Large range of accessories
- Interfaces RS232 and USB



Instrument can be remote-controlled



Height measurements on watch movement plate



Minimum position measurement thanks to the contour tracking in motorized mode



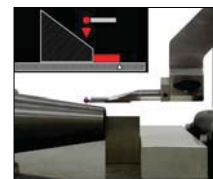
Display adjustable in every direction



2D measurement with easy graphical interface



Perpendicularity measurements with electronic probe



Very simple measurements in 2 coordinates thanks to the graphic interface



Small diameters measurements with insert Ø 4 mm

Technical data:		V5			V6			V9		
		400	700	1100	400	700	1100	400	700	1100
Measuring range	mm (in)	407 (16.0)	711 (28)	1110 (43.7)	407 (16.0)	711 (28)	1110 (43.7)	406 (16)	710 (28)	1109 (43)
Measuring range with extension	mm (in)	719 (28.3)	1023 (40.3)	1422 (56)	719 (28.3)	1023 (40.3)	1422 (56)	724 (284)	1028 (40)	1427 (56)
Max. permissible errors, E _{MPE}	µm	2.5 + L(mm)/300			2 + L(mm)/400			1.2 + L(mm)/1000		
Repeatability, R _{MPE} (2s)	µm	2			1 (Ø: 2)			0.5 (Ø: 1)		
Frontal squareness deviation, S _{MPE}	µm	5	8	11	5	8	11	5	8	11
Resolution	mm (in)	0.001 (0.00005)						0.0001 (0.00001)		
Measuring force	N	0.75 ÷ 1.5								
Autonomy	h	40			20			12		
Interfaces		USB / RS232								
Air cushion		Yes								

Note: The above values have been determined according to ISO 13225. They are valid with the standard measuring insert (TA-MI-101), at a temperature of 20 ± 0.5 °C and relative humidity of 50 ± 5%.