Ultima PRO

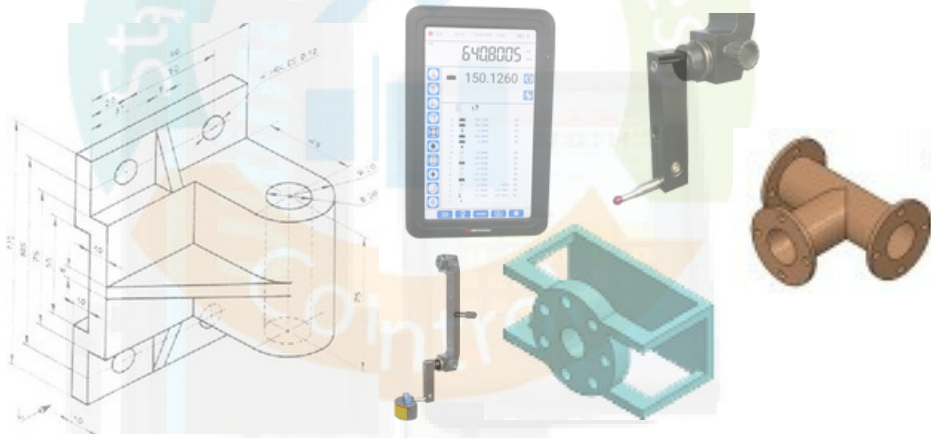
electronica mechatronic systems

HEIGHT MEASURING INSTRUMENT

Ultima Pro

2D

- Big Graphical Display – 10.1” IPS TFT Colour display
- Long life Capacitance touch screen over full display
- Motorised operation for easy and reliable measurements
- Data Storage on USB flash drive
- Direct export to DXF file format
- Direct Printer interface over USB
- Abundant Memory which can store more than 5000 results memory and 50 program storage
- Programming, Tolerancing and SPC as standard functionality
- Active Temperature compensation
- ISO table for Tolerance
- Quick manual Squareness measurement
- Multiuser login facility with separate memory for each user



Specifications	Ultima *Pro*	Ultima *Pro*	Ultima *Pro*
Measuring range	450mm	700mm	1000mm
Expandable range	840mm	1090mm	1390mm
Resolution	0.01 / 0.005 / 0.001 / 0.0005 / 0.0001mm		
Repeatability (2σ)	On Plane ≤ 0.0010mm On Bore ≤ 0.0020mm		
Max. Measurement speed	1000 mm / sec		
Measuring force	1.0N ± 0.2N		
Max. Permissible error *	2 + L / 500 µm (L= Length in mm)		
Squareness **	0.005mm	0.006mm	0.010mm
Air Cushion	Standard		
Operation time (Battery Backup time)	12Hrs		
Operation temperature	10°C to 40°C		
Weight	28 Kg	31 Kg	36 Kg
Standard probe	Ruby Ball Probe Ø 6 X 48mm		

* Values valid with standard ball probe at temperature 20°C ± 0.5°C ** With electronic probe Magnascan50