




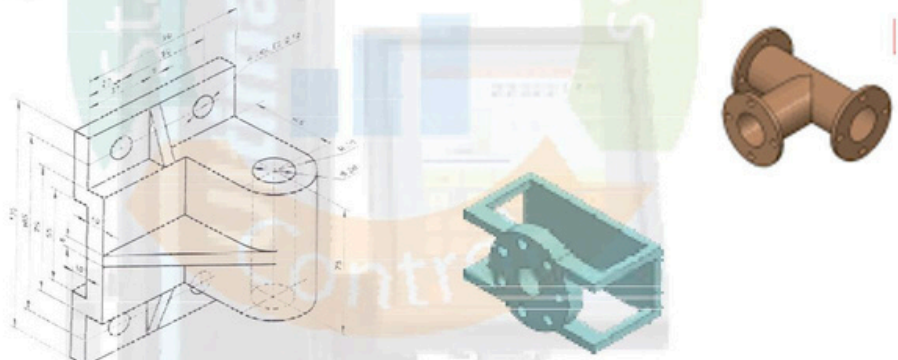
# Ultima Plus



Ultima Plus



-  **Manual & Motorized movement with Handwheel**
-  **TFT Screen with soft touch keyboard**
-  **Auto detection of Measuring Cycle**
-  **Data storage on USB Flash Drive**
-  **Direct Export to DXF**
-  **Programming, Tolerancing and SPC**
-  **Active Temperature Compensation**
-  **Quick Manual Squareness measurement**
-  **Li Ion Battery**
-  **Measurement with Long Length Probe**



Specifications	Ultima Plus	Ultima Plus	Ultima Plus
Measuring range	450 mm	700 mm	1000 mm
Expandable range	830 mm	1080 mm	1380 mm
Resolution	0.010 / 0.005 / 0.001 / 0.0005 / 0.0001 mm		
Repeatability (2σ)	On Plane ≤ 0.0005 mm On Bore ≤ 0.0010 mm		
Max. Measurement speed	1000 mm/sec		
Measuring force	1.0 N ± 0.2		
Max. Permissible error *	2 + L / 500 μm (L= Length in mm)		
Squareness **	0.005 mm	0.006 mm	0.010 mm
Air Cushion	Standard		
Operation time (Battery)	16 Hrs		
Operation temperature	10°C to 40°C		
Weight	23 kg	27 kg	30 kg
Standard probe	Ruby Ball Ø 6 X 48 mm		

\* Values valid with standard ball probe at temperature 20°C ± 0.5°C

\*\* With electronic probe Magnascan50