electronica
mechatronic systems

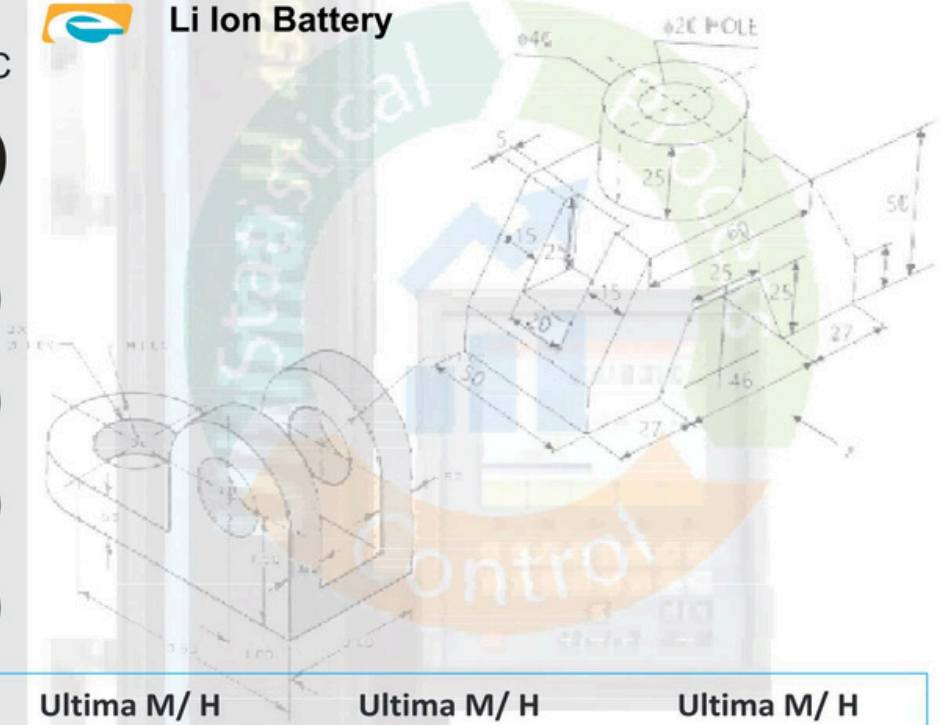
Ultima

Ultima H Manual M/C

Ultima M Motorized M/C

- **TFT Screen with soft touch keyboard**
- **Multiple reference points**
- **Active temperature compensation**
- **Data storage in USB Drive**
- **1000 Step memory**
- **Programming, Tolerancing and SPC**
- **Li Ion Battery**

2D



Specifications	Ultima M/ H	Ultima M/ H	Ultima M/ H
Measuring range	450 mm	700 mm	1000 mm
Expandable range	765 mm/830 mm	1015 mm/1080 mm	1315 mm/1380 mm
Resolution	0.010 / 0.005 / 0.001 / 0.0005 / 0.0001 mm		
Repeatability (2σ)	On Plane ≤ 0.0010 mm On Bore ≤ 0.0020 mm		
Max. Measurement speed	1000 mm/sec		
Measuring force	1.0 N ± 0.2		
Max. Permissible error *	2 + L / 330 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