

# Precihite

Preferred for Precision Measurements



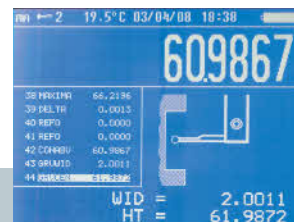
- Outcome of several years of experience
- Dust-proof construction enhances use on shop floor along with controlled environment
- Swivelling adjustment for LCD display viewing
- Motorized and manual movements with rapid JOG
- State-of-the-art technology - Controller with new soft-touch keyboard and user-friendly graphics
- Both USB and RS232 serial ports for data transfer
- Air bearing cushion with built-in air pump
- Multiple reference points
- Tolerance and job acceptability
- Quick manual squareness measurement
- CE



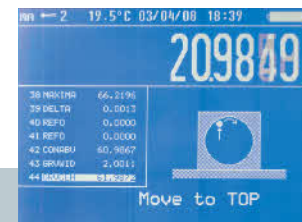
Rapid JOG keys



Taper angle measurement



Groove measurement



Bore measurement



# Height Master Precihite

## Measuring cycles

- Contact above / below
- Shaft above / below
- Bore measurement
- Groove measurement
- Squareness measurement
- Min. / Max. Delta
- Angle measurement
- mm / inch conversion
- 2D measurement
- SPC
- 1000-step memory
- Programing facility

Specifications	Precihite 450	Precihite 600	Precihite 1000
Measuring range	450	600	1000
Expandable range	765 mm	915 mm	1315 mm
Resolution	For Ultra : 0.01/0.005/0.001/0.0005/0.0001 mm For Magna : 0.01/0.005/0.001/0.0005 mm		
Repeatability (2S)	For Ultra : 0.001 mm For Magna : 0.002 mm		
Max. measurement speed	600 mm / sec		
Max. permissible error* L= Length in mm	For Ultra : 2+L/400 μm For Magna : 3+L/300 μm		
Squareness **	5 μm	6 μm	10 μm
Operation time (battery)	8 hrs		
Operation temperature	10°C to 40°C		
Rapid JOG speed	35 mm / sec		
Weight	19 kg	21 kg	25 kg

\* Values valid with standard probe at 20°

\*\* With electronic probe Magnascan



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Owing to continuous product Research & Development, design specifications are liable to change.