

PROHEIGHT 700/700p

Salient Features:

- Motorized probe movement
- Ergonomically designed controller with colour TFT
- Screen with soft touch keyboard
- Data storage on USB flash memory stick
- Direct DXF export on USB flash memory stick
- Programming, Tolerancing and SPC
- Measurements with Long length probes possible
- Rapid jog up down of probe by Slider keys
- Active Temperature compensation
- Quick manual Squareness measurement
- Supports long length probe accessories upto 300mm
- Ideally suitable for calibration Laboratories
- Li Ion Battery
- 2D measurements with motorised movement



Parameter	PROHEIGHT 700	PROHEIGHT 700 P
Measuring range	700 mm	700 mm
Expandable range	1015 mm	1015 mm
Resolution	0.010 / 0.005 / 0.001 / 0.0005 / 0.0001 mm	0.010 / 0.005 / 0.001 / 0.0005 / 0.0001 mm
Repeatability (2σ)	On Plane ≤ 0.001 mm On Bore ≤ 0.002 mm	On Plane ≤ 0.0005 mm On Bore ≤ 0.001 mm
Max. Measurement speed	1000 mm/sec	1000 mm/sec
Measuring force	1.0 N ±0.2	1.0 N ±0.2
Max. Permissible error *	2 + L / 330 μm (L= Length in mm)	1.1 + L / 1000 μm (L= Length in mm)
Squareness **	0.006 mm	0.006 mm
Air Cushion	Standard	Standard
Operation time (Battery)	16 hrs	16 hrs
Operation temperature	10°C to 40°C	10°C to 40°C
Weight	27 kg	27 kg
Standard probe	Ruby Ball Ø 6 X 48 mm	Ruby Ball Ø 6 X 48 mm

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

**With Electronic probe Magnascan50

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An ISO 9001 : 2015 Company

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