

Suburban Tool, Inc.

MASTER HEIGHT™ HEIGHT GAGES



State-of-the-art readout with soft-touch keyboard and user-friendly graphics.

Both USB and RS232 ports for data transfer.

Swivel adjustment on readout for easy viewing.

Motorized and manual movements with rapid jog.

Air bearing cushion with built-in air pump.

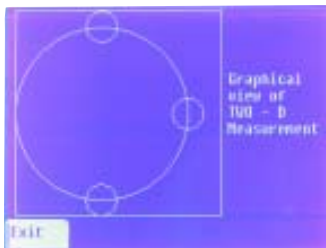
Multiple reference points.

Can be used as a “go / no go” gauge.

Quick manual squareness measurement.

Optional printer attachment.

CE approved.





Measuring Functions

- Contact above / below.
- Shaft.
- Bore.
- Groove / ledge.
- Squareness (with optional attachment).
- Flatness / parallelism deviation.
- Angle.
- 2D.
- Chain measurements.
- Multiple reference points.

All *Master Height*™ height gages have the following features:

Maximum measurement speed: 600 mm/sec.

Measuring force: 1 N ± 0.2.

Battery operation time: 8 hours.

Operation temperature: 10 to 40C°.

Rapid jog speed: 35 mm / second.

mm / inch conversion.

SPC capabilities.

1000-step memory.

Programmable readout.

MODEL *	MEASURING RANGE	EXPANDABLE RANGE	RESOLUTION	REPEATABILITY	MAXIMUM ERROR **	SQUARENESS ***	WT (#)
MH-450-M	450 mm	800 mm	0.01 / 0.001 / 0.0005 mm	0.002 mm	3 + L/400 µm	5 µm	51
MH-450-U	450 mm	800 mm	0.01 / 0.001 / 0.0005 / 0.0001 mm	0.001 mm	2 + L/400 µm	5 µm	51
MH-600-M	600 mm	950 mm	0.01 / 0.001 / 0.0005 mm	0.002 mm	3 + L/400 µm	6 µm	55
MH-600-U	600 mm	950 mm	0.01 / 0.001 / 0.0005 / 0.0001 mm	0.001 mm	2 + L/400 µm	6 µm	55
MH-1000-M	1000 mm	1350 mm	0.01 / 0.001 / 0.0005 mm	0.002 mm	3 + L/400 µm	10 µm	66
MH-1000-U	1000 mm	1350 mm	0.01 / 0.001 / 0.0005 / 0.0001 mm	0.001 mm	2 + L/400 µm	10 µm	66

* Models ending in M have magnetic scales. U models have glass scales.

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

*** With electronic probe MagnascanPH.



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