



Mitutoyo

SAVE
UP TO
\$1,000

MITUTOYO QM-HEIGHT PROMOTION

Effective March 1, through June 30, 2016

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Mitutoyo Quality

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QM-HEIGHT PROMOTION

High-Precision ABSOLUTE Digital Height Gage

World's best-in-class accuracy 4.5µm

Prices effective March 1, through June 30, 2016



Order No.	64PKA094A	64PKA095A	64PKA129A	64PKA130A
Model	QMH-14" A	QMH-24" A	QMH-14" B	QMH-24" B
List	\$3,990	\$4,490	\$4,490	\$4,990
Promo	\$3,190	\$3,590	\$3,590	\$3,990
Range	0 - 14" / 0-350mm	0 - 24" / 0-600mm	0 - 14" / 0-350mm	0 - 24" / 0-600mm
Resolution	0.001 / 0.0005mm / .00005" / .0001"			
Accuracy	Accuracy*1 ±(2.4+2.1L/600)µm L = Measuring length (mm)			
at 20°C	Repeatability*1 2σ ≤ 1.8µm			
Perpendicularity	7µm	12µm	7µm	12µm
Guiding method	Roller bearing			
Drive method	Manual Operation			
Scale type	Electromagnetic induction type ABSOLUTE linear encoder			
Measuring force	1.5±0.5(N)			
Data Output	Digimatic output/USB			
Pneumatic floating system	NA		Included (for movement only)	
Power supply	AC adapter battery / (LR6 x 4) Standard accessory / Nickel metal hydride battery (x4)			
Battery operation time	Approx. 300 hours (Not using pneumatic floating system)			
	Approx. 80 hours (Using pneumatic floating system regularly)			
Standard Accessories	Stepped probe (05H2A148) Probe diameter calibration block (12AAA715) LR6 Battery / AC Adapter (06AEG180JA) 120V			
Mass	55.16 lbs (25kg)	63.93 lbs (29kg)	57.32 lbs (26kg)	66.14 lbs (30kg)
Dimensions	41.85"x21.85x18.94" 1063(W)x555(D)x481(H)	51.02"x21.85x18.94" 1296(W)x555(D)x481(H)	41.85"x21.85x18.94" 1063(W)x555(D)x481(H)	51.02"x21.85x18.94" 1296(W)x555(D)x481(H)
Main Unit	518-231	518-233	518-235	518-237

*1 Guaranteed when using the standard eccentric ø5 probe.

Diverse options expand measurement possibilities

Part No.	Item
Depth measurement	
12AAC072	Depth probe
Interchangeable contact points for ø5 stepped probe	
957261	ø2 ball (coaxial type)
957262	ø3 ball (coaxial type)
957263	ø4 ball (coaxial type)
957264	ø14 disk
957265	ø20 disk
12AAA788	ø4 ball (eccentric type)
12AAA789	ø6 ball (eccentric type)
Special Holder, Special Probe	
12AAA792	Holder for Dial Gage
12AAA793	Long holder
SPC connecting cables	
936937	1m cable
965014	2m cable
Others	
05HZA143	9 x 9 adapter (requires the following clamp)
05GZA033	Scriber Clamp (for 9 x 9 adapter)
05HZA144	6.35 x 12.7 adapter (requires the following clamp assembly)
901385	Clamp (for 6.35 x 12.7 adapter)
02AZE990	U-WAVE mounting plate

A gauge block may be required for zero-setting depending on the probe and contact point.

Simple button layout and user-friendly icon keys

- Frequently used keys are indicated with icons.
- An ergonomic cross key configuration enhances operability for setting presets and other settings.

Pneumatic floating feature*

- Pressing a button on the grip activates the internal air pump. The base rises on a cushion of air and is able to be moved smoothly over the surface plate.
- * 64PKA129A and 64PKA130A only

Probe elevation wheel

- Allows for fine and coarse adjustment during measurement

Diverse output options

- Digimatic and USB output are standard.
- U-Wave wireless output (optional)



When attaching U-WAVE, the optional mounting plate is recommended.