



## LINEAR & QM HEIGHT GAGE PROMO

LH-600F & QM-HEIGHT

Effective through December 13, 2024

LINEAR & QM HEIGHT GAGE





## High-Accuracy Height Gage Linear Height LH-600F/FG

The highest accuracy height gage on the market is now even easier to use.

The Mitutoyo LH-600F Linear Height Measurement System is the latest model in the Mitutoyo Linear Height Gage line, designed to be more user-friendly while maintaining the best-in-class reliability and accuracy of previous models.

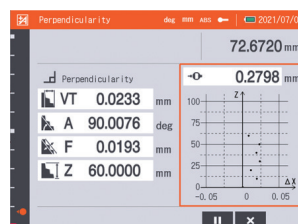
### New Features:

- › Rotatable touch screen interface
- › New self-check feature
- › High-accuracy encoder more resistant to contaminants
- › Improved 2D mode
- › Calibration date warning
- › S1 Digimatic output capable of sending data directly to Excel, wired or wirelessly
- › Additional probe and extension options

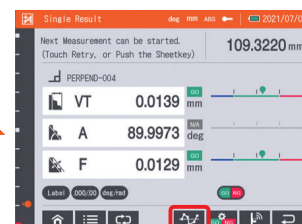
### Still Featuring:

- › Resolution down to 0.1μinch (selectable)
- › Highest accuracy in its class  $\pm (1.1+0.6L/600) \mu\text{m}$
- › Pneumatic full/semi-float system with built-in compressor
- › Capable of standard measurements such as heights and diameters or advanced measurements like angles, diagonal distances and perpendicularity (optional probes may be required)
- › The Origin can be set at centerline positions, peaks of radii or simply on the surface plate or gage blocks

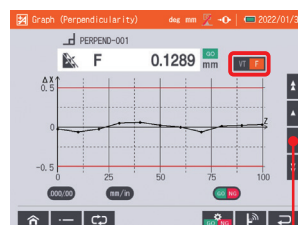
### Perpendicular/straightness measurement - Graph creation



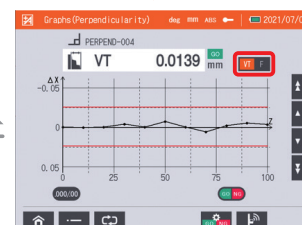
Show results in real time during measurement.



Show results after measurement.



You can monitor the graphs of past measurement results.



Show measurement results in graph form.



Power grip model also available for even easier positioning.

Order No	Description	Range (Stroke)	Resolution (selectable)	List	Promo
Promo030	LH-600F INCH/MM	977mm (600mm) / 38" (24")	0.0001/0.001/0.01/0.1mm	\$10,799.00	\$9,360.00
Promo031	LH-600FG Inch/mm, Power Grip model		.0000001/.000001/.00001/.0001"	\$11,299.00	\$9,810.00

## Easy operation using keypad and touch screen navigation

Contextual guidance on the large-screen touch panel supports your measurements.



Simple, straightforward keys with icons

Icons allow the user to find the required operation at a glance.

### Basic measurements



Height (top)  
measurement



Height (bottom)  
measurement



Width (inside)  
measurement



Width (outside)  
measurement



Shaft (top)  
measurement



Shaft (bottom)  
measurement



Circle (shaft)  
measurement



Max.-Min. (top)  
measurement



Hole (bottom)  
measurement



Hole (top)  
measurement



Circle (hole)  
measurement



Max.-Min.  
(bottom)  
measurement

### Advanced measurement functions



Part program  
measurement



2D measurement

### Power



Power

### Measurement settings



Measurement  
origin setting



Probe selection



Measurement  
origin switching

### Other



Home screen



System settings



Data output

### Touch panel with guidance

Measurement guidance is displayed on the large touch panel of the 8.4-inch color LCD, enabling intuitive operation.



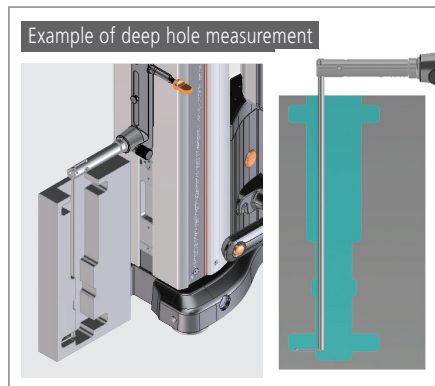
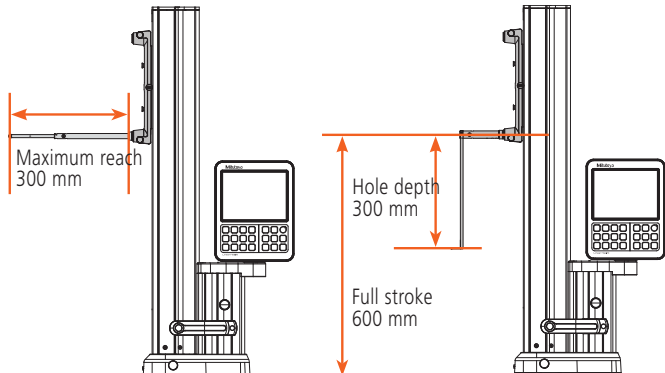
Guidance screen



Operable with gloves

### Expanded measurement area

With the new optional probes, you can now measure areas that were beyond the capacity of conventional probes.



To see full brochure,  
use the QR code below.



SCAN ME



## ABSOLUTE 1D Height Gage QM-Height Series

- High-resolution ABSOLUTE linear encoder for position detection
- High-accuracy:  $\pm(2.4 + 2.1L / 600)\mu\text{m}$
- Pneumatic flotation system / positioning grip allows for smooth movement along surface plate (select models)
- Large, stationary display panel with user-friendly icon control keys and GO/NO-GO LED indicator
- Digital and USB output: Supports Mitutoyo wireless SPC output
- Fully compatible with existing Mitutoyo Digimatic peripherals (SPC cables, U-WAVE wireless transmitters, multiplexers, etc.)
- Battery life of 1200 hours in continuous use with four AA batteries, an improvement from 300 hours.

## GO/ $\pm$ NG judgment by LED (red, orange, green) and measurement examples

- LEDs are activated at the time of tolerance judgment: green for GO, red for +NG, and orange for -NG. -NG, GO and +NG also appear on the LCD.



"d2" is the name for Mitutoyo Digimatic output compatible with up to 8 digits of I/O data.

**MeasurLink<sup>®</sup> ENABLED**  
Data Management Software by Mitutoyo

64PKA130C

## d2 Digimatic and USB outputs

- Digimatic and USB ports are provided as standard. Using the U-WAVE-T measurement data wireless communication system enables instant transmission of measurement data to a PC via wireless communication which reduces manual input errors and improves data reliability and operational efficiency.



To install U-WAVE-T, separately purchase the optional mounting plate (02AZE990).

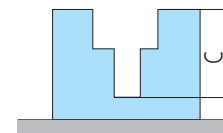
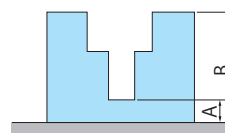
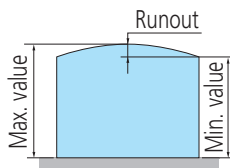
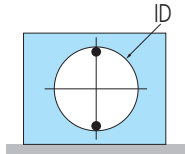


64PKA129C

- Measure diameters, gap distances, center-to-center distances, and more
- Sub-display can show difference between current and previous measurement or distance from current measurement to origin
- The origin can be set at the top of a surface plate, centerline, or any top or bottom surface within its range



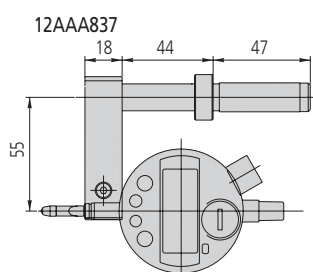
## Measurement Examples



Part No.	Range	Resolution	Remarks	List	Promo
64PKA094C	0 - 14" / 0 - 350mm	0.001mm / 0.0005mm / .00005" / .0001" (selectable)	Pneumatic Flotation System	\$4,580.00	\$4,122.00
64PKA095C	0 - 24" / 0 - 600mm			\$5,150.00	\$4,635.00
64PKA129C	0 - 14" / 0 - 350mm			\$5,150.00	\$4,635.00
64PKA130C	0 - 24" / 0 - 600mm			\$5,710.00	\$5,139.00

## Optional Accessories

Order No.	Description	List	Promo
12AAC072	DEPTH PROBE	\$227.00	\$215.65
12AAA837	INDICATOR HOLDER (ACCEPTS 3/8" STEM)	\$165.00	\$156.75
12AAA793	PROBE EXTENSION HOLDER (3.3" / 85mm)	\$184.00	\$174.80
226118	SHANK WITH M3 THREAD SCREW	\$145.00	\$137.75
957265	20MM DIA. DISK STYLUS FOR LINEAR HEIGHT	\$437.00	\$415.15
957264	14MM DIA. DISK STYLUS FOR LINEAR HEIGHT	\$356.00	\$338.20
12AAF669	10PI BALL CONTACT POINT(COAXIAL)	\$269.00	\$255.55
957261	2MM DIA. BALL STYLUS FOR LINEAR HEIGHT	\$241.00	\$228.95
517-814-10	GRAPLATE 36X48" GRADE A	\$3,200.00	\$3,040.00
517-964-10	GRAPLATE STAND 36X48"	\$1,260.00	\$1,197.00
517-808-10	GRAPLATE 24X36" GRADE A	\$1,670.00	\$1,586.50
517-956-10	GRAPLATE STAND 24X36"	\$1,170.00	\$1,111.50
06AFM380D	USB-ITN-D INPUT TOOL DIRECT CABLE	\$226.00	\$214.70
02AZD730G-D	U-WAVE TRANSMITTER W/ CONNECTING CABLE (D)	\$378.00	\$359.10
02AZD810D	U-WAVE-RECEIVER	\$571.00	\$513.90



02AZD730G-D



02AZD810D



# ALWAYS THERE. ALWAYS READY.

## YOUR DEDICATED SUCCESS TEAM

Our commitment to you extends far beyond the sale. Our new Customer Success team is a testament to our dedication to providing the industry's best products and services.

The very best products are nothing without reliability and support. Our Customer Success team is always there, ready to help by understanding your unique needs and challenges. They are your single point of contact for anything you may need over the lifetime of your product. They are your liaison, leveraging Mitutoyo's vast expertise to provide comprehensive solutions tailored for your business.

No matter what your need may be, you can always pick up the phone and connect directly with your dedicated customer success. With Mitutoyo, it's not just about the industry's best products, it's about a promise of continued partnership, unparalleled support, and a shared journey towards excellence.



### Nationwide Support Infrastructure of Mitutoyo America

Headquarters: Aurora, Illinois

**Metrology Services Center (ISO/IEC 17025 Accredited):**  
Aurora Illinois, City of Industry California, West Chester Ohio

**Services:**

Aurora Illinois: Calibration, Repair, Field Service, Contract Inspection

City of Industry: Calibration, Repair

West Chester Ohio: Calibration, Contract Inspection, Contract Part Programming

**M<sup>3</sup> Solution Centers (Showrooms): Locations (8 in total):**  
Illinois, Washington, Texas, Ohio, Michigan, California, North Carolina, Massachusetts.

Note: At the M<sup>3</sup> Solution Center, customers can not only view our products but also utilize the space to address their measurement challenges through demonstrations of our latest measuring instruments and technologies.

Total Number of Employees: Approximately 400

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[My.Mitutoyo.com](https://my.mitutoyo.com)

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# Mitutoyo

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