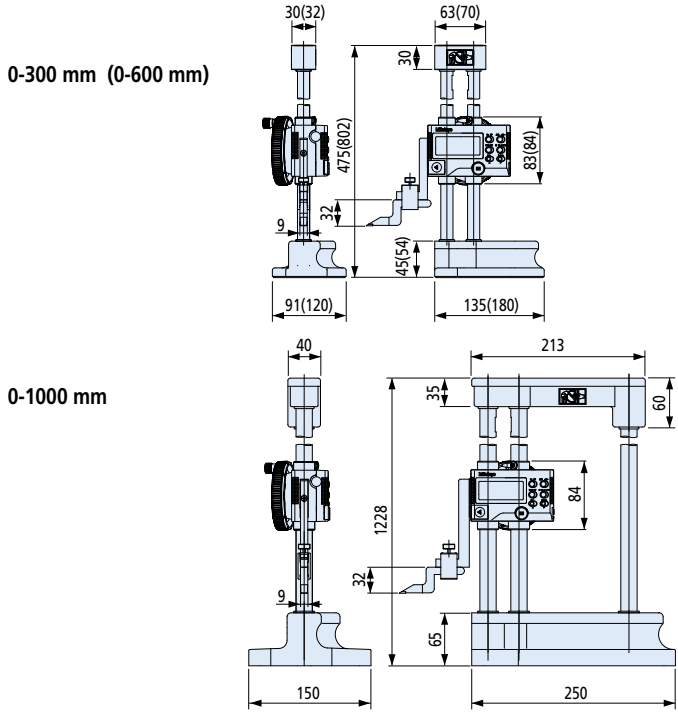


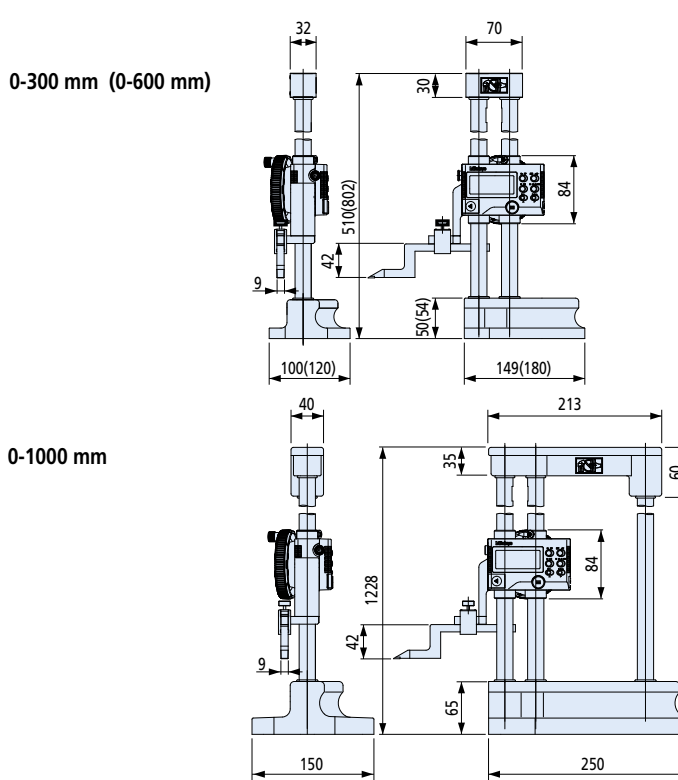
Standard type with Digimatic output

■ External dimensions (unit: mm)



Multi-function type with Digimatic output, a bidirectional touch signal probe can be used

■ External dimensions (unit: mm)



Coordinate Measuring Machines	Vision Measuring Systems	Form Measurement	Optical Measuring
Sensor Systems	Test Equipment and Seismometers	Digital Scale and DRO Systems	Small Tool Instruments and Data Management

Whatever your challenges are, Mitutoyo supports you from start to finish.

Mitutoyo is not only a manufacturer of top quality measuring products but one that also offers qualified support for the lifetime of the equipment, backed up by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test and deliver bespoke measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.

Note: Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

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Digital Height Gage
Digimatic® Height Gage
Height gages feature improved ease of operation and enhanced functionality



SMALL TOOL INSTRUMENTS
AND DATA MANAGEMENT

Best-selling Models
with double-column construction

Digital Height Gages with Improved Ease of Operation and Functions



(Photo: 192-663-10)



192-613-10

Large LCD characters

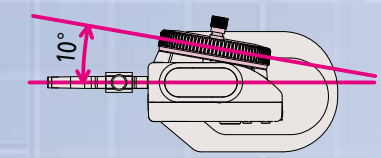
Character height of 11 mm makes display easy to read and avoids eyestrain.

Actual size



Slider handle

Inclined handle improves slider ergonomics.



HD-30AX display

• Design registration pending



- Large function buttons. Frequently used buttons are positioned on the right-hand side of the panel for easy operation.
- Uses the proven alarm system as used on previous models.

Base

Base is shaped to offer a secure grip



Resolution switchable to 0.01 or 0.005 mm

Simple switching operation



Highly efficient operation plus preset-function convenience

Preset functions enable two reference planes to be set relative to surface plate datum

- Example of preset 1
To measure a height of 70 mm, with a reference plane height of 50 mm
- Example of preset 2
To measure a height of 130 mm, with a reference plane height of 150 mm



Options

• Bidirectional touch signal probe for Multi-function type

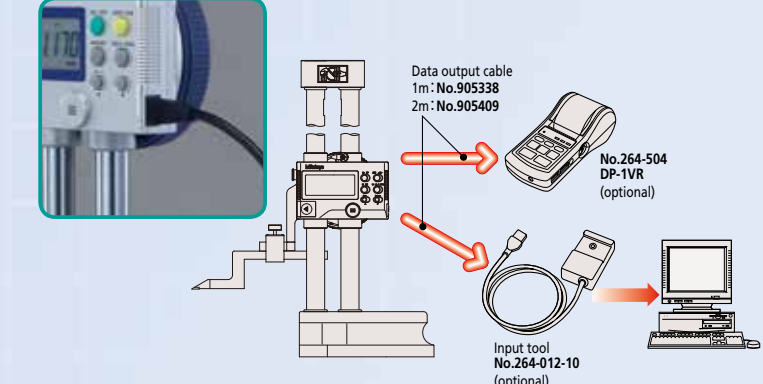
Code No.	metric	inch
192-007	192-008	
Measuring direction	Two-directional	
Contact method	Normally open	
Probe overtravel	1.5 mm	
Probe tip type	ø3 mm carbide ball	
Repeatability (σ)	2μm	
Cable length	Approx. 150 mm	
Measuring force	0.4 N	
Standard accessories	Holder arm, clamp	



* The Multi-function type has a probe-ball diameter correction function.

Output function for all models

Connectable to the Digimatic Mini-processor DP-1VR, or to a PC via the input tool



- Zero-set
- Two preset reference heights
- Direction switching
- ABS measurement system (origin setting function)
(Re-setting of the origin required after power-off.)
- Hold
- Data output
- Probe-ball diameter correction (HDM-AX only)

• Connecting cable



Part No.905338: 1 m
Part No.905409: 2 m

Standard type with Digimatic output



192-613-10

Specifications

Code No.	metric			inch / metric			
	192-613-10	192-614-10	192-615-10	192-630-10	192-631-10	192-632-10	192-633-10
Measuring range	0-300mm	0-600mm	0-1000mm	0-300mm / 0-12"	0-450mm / 0-18"	0-600mm / 0-24"	0-1000mm / 0-40"
Resolution	Switchable between 0.01 and 0.005 mm			0.01mm / .0005" (0.005mm / .0002" switchable)			
Display	7-digit LCD, character height: 11 mm						
Accuracy*	±0.02mm	±0.05mm	±0.07mm	±0.02mm / ±.001"	±0.05mm / ±.002"	±0.05mm / ±.002"	±0.07mm / ±.003"
Repeatability	0.01mm			0.01mm / .0005"			
Response speed	About 500 mm/s						
Power supply	One SR44 battery (silver oxide button cell) No.938882						
Battery life	About 3,500 hours						
Operating temperature range	0°C to 40°C						
Weight	4.7kg	8.3kg	15.7kg	4.7kg	7.5kg	8.3kg	15.7kg
Scriber No.	07GZA000			900258			
Scriber clamp No.	05GZA033			901385			
Standard accessories	Scriber, scriber clamp, battery						

* Quantizing error: ±1, without count

Multi-function type with Digimatic output, a bidirectional touch signal probe can be used



192-663-10

Specifications

Code No.	metric			inch / metric			
	192-663-10	192-664-10	192-665-10	192-670-10	192-671-10	192-672-10	192-673-10
Measuring range	0-300mm	0-600mm	0-1000mm	0-300mm / 0-12"	0-450mm / 0-18"	0-600mm / 0-24"	0-1000mm / 0-40"
Resolution	Switchable between 0.01 and 0.005 mm			0.01mm / .0005"(0.005mm / .0002" switchable)			
Display	7-digit LCD, character height: 11 mm						
Accuracy*	±0.02mm	±0.04mm	±0.06mm	±0.02mm / ±.001"	±0.04mm / ±.0015"	±0.04mm / ±.0015"	±0.06mm / ±.0025"
Repeatability	0.01mm			0.01mm / .0005"			
Response speed	About 500 mm/s						
Power supply	One SR44 battery (silver oxide button cell) No.938882						
Battery life	About 3,500 hours						
Operating temperature range	0°C to 40°C						
Weight	5.7kg	8.3kg	15.7kg	5.7kg	7.5kg	8.3kg	15.7kg
Scriber No.	905200			905201			
Scriber clamp No.	05GZA033			901385			
Standard accessories	Scriber, scriber clamp, battery						

* Quantizing error: ±1, without count

Digimatic® Height Gage