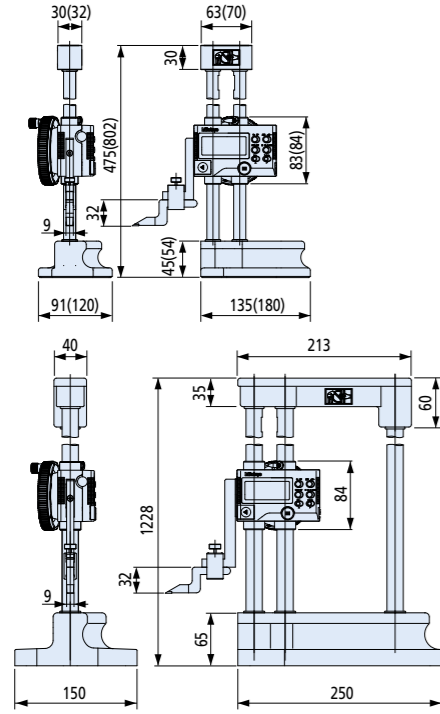


Standard type with Digimatic output

External dimensions (unit: mm)

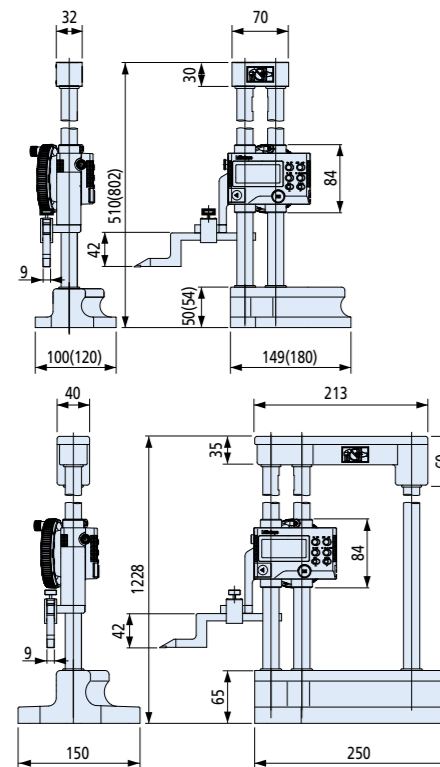
0-300 mm (0-600 mm)



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

External dimensions (unit: mm)

0-300 mm (0-600 mm)

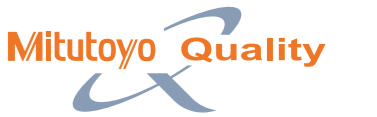


Coordinate Measuring Machines	Vision Measuring Systems	Form Measurement	Optical Measuring
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Whatever your challenges are, Mitutoyo supports you from start to finish.

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.



Digital Height Gauge
Digimatic® Height Gauge
 Height gauges feature improved ease of operation and enhanced functionality

SMALL TOOL INSTRUMENTS AND DATA MANAGEMENT

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 Company Reg No. 197800892N
 24 Kallang Avenue, Mitutoyo Building, Singapore 339415
 Tel: (65) 6294 2211 Fax: (65) 6299 6666
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Mitutoyo (Malaysia) Sdn. Bhd.
 Mah Sing Integrated Industrial Park,
 4, Jalan Utarid US/14, Section U5,
 40150 Shah Alam, Selangor, Malaysia
 Tel: (60) 3-7845 9318
 Fax: (60) 3-7845 9346
 E-mail: mmsb@mitutoyo.com.my
Penang Branch
 Tel: (60) 4-641 1998
 Fax: (60) 4-641 2998
Johor Branch
 Tel: (60) 7-352 1626
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Mitutoyo (Thailand) Co., Ltd.
 76/3-5, Chaengwatana Road, Kwaeng
 Anusawaree, Khet Bangkaen,
 Bangkok 10220, Thailand
 Tel: (66) 2080 3500
 Fax: (66) 2521 6136
 E-mail: office@mitutoyo.co.th
Chonburi Branch
 Tel: (66) 2080 3563
 Fax: (66) 3834 5788
ACC Branch
 Tel: (66) 2080 3565

PT. Mitutoyo Indonesia
 Jalan Sriwijaya No.26
 Desa cibatu
 Kec. Cikarang Selatan
 Kab. Bekasi 17530, Indonesia
 Tel: (62) 21-2962 8600
 Fax: (62) 21-2962 8604
 E-mail: ptmi@mitutoyo.co.id

Mitutoyo Vietnam Co., Ltd.
 1st & 2nd Floor, MHD1 Building,
 No. 60 Hoang Quoc Viet Road,
 Nghia Do Ward, Cau Giay District,
 Hanoi, Vietnam
 Tel: (84) 24-3768 8963
 Fax: (84) 24-3768 8960
 E-mail: mvce@mitutoyo.com.vn
Ho Chi Minh City Branch
 Tel: (84) 28-3840 3489
 Fax: (84) 28-3840 3498
Hai Phong City Branch
 Tel: (84)22-5398 9909

Mitutoyo Philippines, Inc.
 Unit 1B & 2B LTI,
 Administration Building 1,
 Annex 1, North Main Avenue,
 Laguna Technopark, Biñan,
 Laguna 4024, Philippines
 Tel: (63) 49-544 0272
 Fax: (63) 49-544 0272
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Best-selling Models
with double-column construction

Digital Height Gauges with Improved Ease of Operation and Functions



Large LCD characters

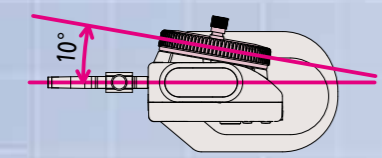
Character height of 11 mm makes display easy to read and avoids eyestrain.

Actual size



Slider handle

Inclined handle improves slider ergonomics.



HD-30AX display

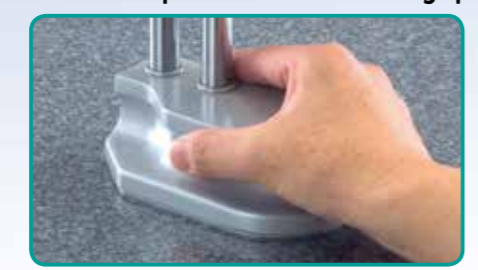
• Design registration pending



- 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

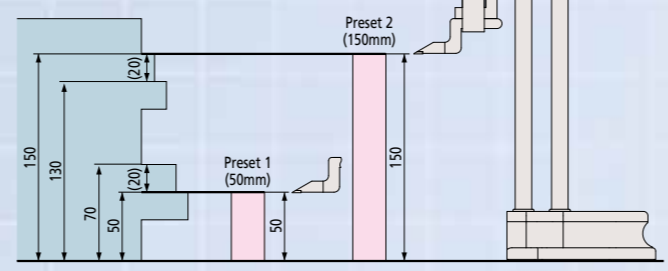
Simple switching operation



Highly efficient operation plus preset-function convenience

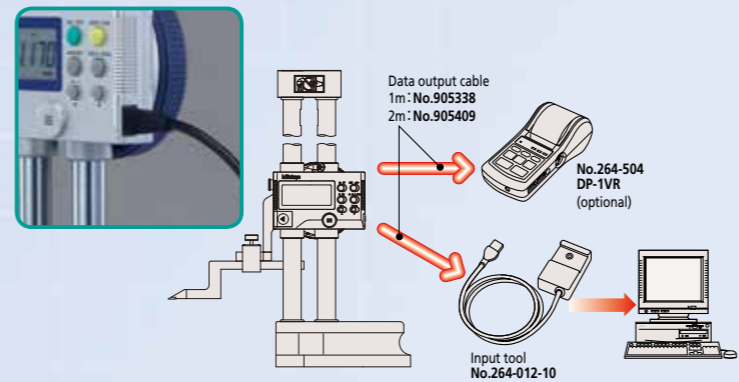
Preset functions enable two reference planes to be set relative to surface plate datum

- 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



Output function for all models

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

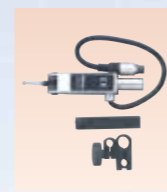


- Zero-set
- Two preset reference heights
- Direction switching
- ABS measurement system (origin setting function) (Re-setting of the origin required after power-off.)
- Hold
- Data output
- Probe-ball diameter correction (HDM-AX only)

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		



• Connecting cable



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

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

Standard type with Digimatic output



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



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 Gauge