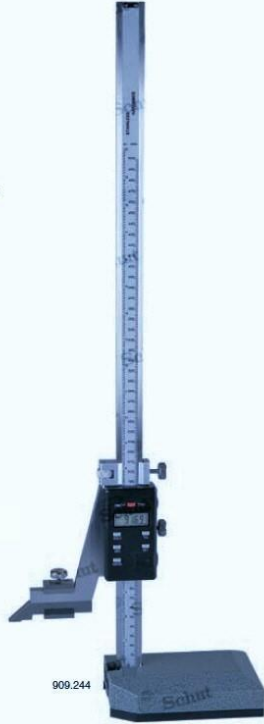




Digital height and scribing gauges

- Measuring range: 0- 1000 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Reset.
- Hold function.
- Fine adjustment.
- Delivery incl. scriber.
- Power supply: 1 battery type V357.

- From measuring range 500 mm:
- Tolerance function.
  - Preset.



Item No.	Measuring range/mm	Accuracy mm
906.267	0- 200	±0.03
906.268	0- 300	±0.04
909.244	0- 500	±0.05
909.245	0- 600	±0.07
909.246	0- 1000	±0.07

**Option:**  
836.535 Spare battery

Absolute digital height and scribing gauges

Digital height and scribing gauges with an absolute measuring system.

- Measuring range: 0- 600 mm.
- Resolution: 0.01 mm.
- Handwheel drive for easy head displacement.
- Interchangeable scriber, intake 9x9 mm.
- ABS/INC switchable.
- Digimatic data output.
- On/off switch.
- Reset.
- Hold function.
- Locking screw.
- Delivery incl. scriber, dial indicator holder, Digimatic data cable and AC adapter.
- Power supply: 1 battery type CR2032 or AC adapter.



Item No.	Measuring range/mm	Accuracy mm
910.096	0- 300	0.03
910.097	0- 600	0.05

**With Bluetooth:**  
910.098 0- 300 0.03

**Options:**  
495.157 Spare battery  
909.686 USB interface  
909.687 Footswitch for USB interface  
910.038 Wireless USB receiver  
910.039 Wireless sender  
906.256 Scriber

Special digital height and scribing gauges

The dual display model shows the measuring value on the displays on both sides of the instrument, ideal for left handed use. The magnetic base model is made primarily of plastic, which makes it very light and easy to handle. Due to the magnets in the flat plastic base the instrument can also be placed on magnetic surfaces at an angle.

- Measuring range: 0- 150 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch.
- Delivery incl. scriber.
- Double display (906.225).
- Magnetic base (906.226).
- Power supply: 906.225: 1 battery type V357, 906.226: 1 battery type CR2032.

Item No.	Accuracy/mm
906.225	±0.03
906.226	±0.4

**Options:**  
836.535 Spare battery type V357  
495.157 Spare battery type CR2032  
906.344 Scriber for 906.225  
906.354 Scriber for 906.226



Digital height and scribing gauge with dial indicator holder

Solid and stable instrument with integrated dial indicator holder and stainless measuring table.

- Measuring range: 0- 500 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Preset.
- Reset.
- Hold function.
- Tolerance function.
- Fine adjustment.
- Intake scriber: 8x6 mm.
- Delivery incl. scriber.
- Dial gauge clamping shaft 8 mm.
- Measuring table: 906.115/116: 80x80 mm, 906.117: 110x100 mm.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Accuracy mm
906.115	0- 200	±0.04
906.116	0- 300	±0.04
906.117	0- 500	±0.06

**Option:**  
836.535 Spare battery  
906.343 Scriber

Digital double columns height and scribing gauges

This is a very stable digital height gauge because of its twin guide system. The measuring unit moves over two independent columns with high precision toothed racks, which generates an accurate measurement.

- Measuring range: 0- 600 mm.
- Resolution: 0.01 mm.
- Repeatability: 0.01 mm.
- Handwheel drive for easy head displacement.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Reset/preset.
- Intake scriber: 9x9 mm.
- Delivery incl. scriber.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Accuracy mm
906.263	0- 300	±0.04
906.264	0- 450	±0.05
906.265	0- 600	±0.05

**Option:**  
836.535 Spare battery  
906.118 Scriber 9x9 mm

## Mitutoyo digital height and scribing gauges

Ergonomically designed height gauge with data output and a useful hand wheel for both fast and fine adjustment.

- Measuring range: 0- 1000 mm.
- Resolution: 0.005/0.01 mm.
- Accuracy: refer to table.
- ABS/INC switchable.
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Hold function.
- Max. measuring speed: 500 mm/s.
- Reversible measuring direction.
- Fast and fine adjustment.
- Interchangeable scriber, intake 9 x 9 mm.
- Delivery incl. cover and scriber.
- Conforms to factory standard.
- Power supply: 1 battery type CR2032.



192.663

### With a connection for a probe

Item No.	Measuring range/mm	Resolution mm	Accuracy mm
192.663	0- 300	0.005/0.01	±0.02
192.664	0- 600	0.005/0.01	±0.04
192.665	0-1000	0.005/0.01	±0.06

### Options:

- 495.157 Spare battery
- 905.201 Scriber
- 107.002 Scriber holder
- 192.007 Electronic probe
- 192.005 Scribing probe

### Without connection for a probe

Item No.	Measuring range/mm	Resolution mm	Accuracy mm
192.613	0- 300	0.005/0.01	±0.02
192.614	0- 600	0.005/0.01	±0.05
192.615	0-1000	0.005/0.01	±0.07

### Options:

- 495.157 Spare battery
- 107.001 Scriber 9 x 9 mm
- 107.002 Scriber holder



192.613

## Mitutoyo Absolute Digimatic height gauges

Ergonomically shaped Mitutoyo Absolute Digimatic HDS digital height gauge with data output. The newly designed base enables easy displacement across a surface plate and provides optimal grip and control. With useful hand wheel this height gauge is just as easy to use as the popular 2-column height gauges. Equipped with locking lever, ideal for use as scribing gauge. The unique Absolute measuring system prevents inaccuracy because of an incorrect zero position. The setting of origin remains as the absolute zero position until the battery has to be changed.

- Measuring range: 0- 600 mm.
- Resolution: 0.01 mm.
- ABS/INC switchable.
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Hold function.
- Max. measuring speed: any.
- Interchangeable scriber, intake 9 x 9 mm.
- Delivery incl. scriber.
- Weight: 4.6 and 6.4 kg resp.
- Conforms to factory standard.
- Power supply: 1 battery type V357.



570.302

Data cables Digimatic,  
USB Input Tool Direct, U-WAVE  
available on request.



Item No.	Measuring range/mm	Accuracy mm
570.302	0- 300	±0.03
570.304	0- 600	±0.05

### Options:

- 836.535 Spare battery
- 107.001 Scriber 9 x 9 mm
- 953.638 Holder for 900.321, clamping shaft ø6 mm
- 900.321 Universal clamp for ø4 mm, ø8 mm, dovetail

## Height and scribing gauges with dial and counter

- Measuring range: 0-1000 mm.
- Graduation dial indicator: 0.01 mm.
- Resolution counter: 1 mm.
- 1 pointer revolution = 1 mm.
- Rotatable dial.
- Double counter, one indicator in plus direction and one in minus direction.
- Zero setting possible at any height.
- Intake scriber: 9 x 9 mm.
- Delivery incl. scriber.

Item No.	Measuring range/mm	Accuracy mm
906.250	0- 300	±0.04
906.251	0- 450	±0.05
906.252	0- 600	±0.05
906.253	0- 800	±0.06
906.254	0-1000	±0.07

### Option:

- 906.174 Scriber 9 x 9 mm



906.250

906.253

## Height and scribing gauges

- Measuring range: 0-1000 mm.
- Vernier: 0.02 mm.
- Fine adjustment.
- Delivery incl. scriber.
- From 500 mm with fixed scriber.
- No-glare chrome finished scale and vernier.

Item No.	Measuring range/mm	Accuracy mm
906.325	0- 200	±0.03
906.326	0- 300	±0.04
906.327	0- 500	±0.05
906.328	0-1000	±0.07

### Options:

- 906.324 Scriber for 906.325/326
- 906.329 Scriber for 906.327/328



906.325

## Height and scribing gauges with dial

These height gauges are equipped with a rack, as used for dial calipers.

- Measuring range: 0-300 mm.
- Graduation: 0.02 mm.
- 1 pointer revolution = 2 mm.
- Rotatable dial.
- Fine adjustment.
- Delivery in a case with a scriber.



906.260

Item No.	Measuring range/mm	Accuracy mm
906.260	0-150	±0.03
906.261	0-200	±0.03
906.262	0-300	±0.04

## Height and scribing gauges with magnifier

To minimize the possibility of reading errors these height gauges are equipped with a magnifier. The magnifier can be adjusted in height, so that it can always be positioned correctly with regard to the vernier.

- Measuring range: 0-500 mm.
- Vernier: 0.02 mm.
- Ruler adjustable in height.
- Fine adjustment.
- Intake scriber: 9 x 9 mm.
- Delivery incl. scriber.

Item No.	Measuring range/mm	Accuracy mm
906.255	0- 300	±0.04
906.257	0- 500	±0.05

### Options:

- 906.269 Scriber for 906.255
- 906.323 Scriber for 906.257



906.257



## Mitutoyo CNC height gauges Linear Height LH-600 E/EG

The integration of CNC technology in this height gauge enables fully automated measurements with a fixed measuring speed and measuring force. This ensures the best possible accuracy and repeatability. An air-bearing of the base (with built-in compressor) allows almost feather-light movement on a surface plate. Equipped with the unique "semi-floating", ideal for scanning purposes, for example to find a maximum value.

The control panel is an illuminated graphical 5.7" TFT LCD color display with alphanumeric keys and a parallel printer port. The Linear Height has 21 (measuring) functions, motorized probe movement, memory space for 50 programs and 60000 measurements which can be statistically processed. The most occurring measurements can be done by pressing a button.

A special and fully automated measuring program for squareness checks is included. By connecting an external Digimatic dial indicator, both squareness and position can be measured at the same time.

- Excellent accuracy and a special measuring system with a 0.1 µm resolution.
- Automatic repeat of measuring programs saved with the learning function.
- Direct display of Go/NoGo tolerance judgement after every measurement.
- Data entry from a Digimatic instrument.
- Total freedom of movement due to the built-in battery and compressor.
- Easy operation because of the very low weight.
- Clear and conveniently laid out graphical color display with numeric and alphanumeric keys.
- Intern memory for measurement values and measuring programs; optional external data storage with a USB stick.
- Direct printing of measurement values on an external printer.
- Delivery with an inspection report.



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Ask for the detailed brochure

Item No.	Type	Price EUR
518.351	LH-600 E	
518.352	LH-600 EG	

### LH-600 standard accessories

- The Mitutoyo Linear Height is standard supplied with:
- probe holder including excentric ball probe ø5 mm,
  - block for probe diameter calibration,
  - rechargeable Ni-MH battery,
  - control panel 1D/2D,
  - AC adapter,
  - dust cover.

## Mitutoyo height gauges QM-Height 350/600

The Mitutoyo QM-Height height gauge, equipped with the highly accurate Absolute linear encoder, delivers mature performance in combination with affordability. The high accuracy, repeatability and perpendicularity make the QM-Height very suitable to satisfy your most critical measurement needs. Yet the lightweight, compact design and the simplicity of the controls make this a user-friendly and flexible height gauge, suitable for use in both cleanroom and workshop. All measuring functions can be started by pressing just one button.

The QM-Height is equipped with many advanced measuring functions for measuring height, inside and outside diameters, min/max values and center distances. It is also equipped with a scanfunction, data-output, measuring memory and a Go/NoGo tolerance judgement, making human interpretation errors almost impossible. The QM-Height is available in two measuring ranges and Mitutoyo offers a wide range of accessories. See for all accessories "Mitutoyo LH-600 / QM-Height accessories".

- Measuring range: 0 - 600 mm.
- Resolution: 0.001/0.005 mm.
- Accuracy:  $\pm(2.4 + 2.1L/600)$  µm (L in mm).
- Repeatability: 0.0018 mm.
- USB and Digimatic data output.
- Direct Go/NoGo tolerance judgement by LEDs after every measurement (also on display).
- An air-bearing of the base (with built-in compressor) allows almost feather-light movement on a surface plate.
- Measuring force: 1.5 ± 0.5 N.
- Operating temperature: 0 to 40°C.
- Adjustable tolerance limits.
- Weight: 518.230: 25 kg, 518.232: 26 kg, 518.234: 29 kg, 518.236: 30 kg.

- Delivery with an inspection report.
- Power supply: 4 batteries type AA or optional AC adapter.

Data cables Digimatic, USB Input Tool Direct, U-WAVE available on request.

Ask for the detailed brochure

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Item No.	Measuring range/mm	Squareness µm	Price EUR
<b>Without air floating:</b>			
518.230	0 - 350	7	
518.232	0 - 600	12	
<b>With air floating:</b>			
518.234	0 - 350	7	
518.236	0 - 600	12	
<b>Options:</b>			
106.180	AC adapter		
495.111	Spare battery (4 needed)		

- Standard accessories:**
- auxiliary grip,
  - block for probe diameter calibration,
  - probe holder including excentric ball probe ø5 mm,
  - 4 batteries.

## 0345 / 0347 Analogue height and scribing gauges



### Model

- Measuring beam is made from stainless steel
- Vernier and scale are satin chrome finished
- Parallax-free reading
- Setting screw
- Fine adjustment
- Accurate fine adjustment on gear rack and setting wheel with pinion
- Steel base with dirt grooves
- Scribing possible from base plate level
- Factory standard

### Delivery

- With exchangeable scriber, carbide tipped, 75 mm



② Fine adjustment on gear rack

Measuring range mm	Reading mm	Base dimensions mm	Rail cross-section mm	Order no.
<b>With fine adjustment</b>				
0 - 300	0.02	145 x 90 x 44	30 x 12	0345 522
0 - 600	0.02	189 x 118 x 44	30 x 12	0345 530
0 - 1000	0.02	228 x 124 x 44	30 x 12	0345 534
<b>With pinion</b>				
0 - 300	0.02	145 x 90 x 44	30 x 12	0347 522
0 - 600	0.02	189 x 118 x 44	30 x 12	0347 530
0 - 1000	0.02	228 x 124 x 44	30 x 12	0347 534

## 0345 Replacement scribers for 0345 / 0347

### Model

- Carbide tipped
- Packing: individually packed

Length mm	Material	Order no.
75	Carbide-tipped	0345 910
150	Carbide-tipped	0345 912

## 0345 / 0347 DIGI-MET® Height and scribing gauges



### Model

- Measuring beam is made from stainless steel
- LCD-display 11 mm
- Setting screw
- Fine adjustment
- Accurate fine adjustment on gear rack and setting wheel with pinion
- Steel base with dirt grooves
- Scribing possible from base plate level
- Factory standard

### Functions

- ON / OFF
- Set to zero at any point
- mm / inch switching
- PRESET-Function (setting a numerical value)
- Hold
- ABS (display can be set to zero without losing the Preset value)
- Reversal of counting direction
- Factor input
- Data output Proximity USB + RS232

### Delivery

- With interchangeable scribing jaws, carbide tipped, 75 mm

Measuring range mm	Reading mm	Base dimensions mm		Rail cross-section mm	Order no.	
		mm	inch			
<b>With fine adjustment</b>						
0 - 300	0 - 12	0.01	.0005	145 x 90 x 44	30 x 12	0345 722
0 - 600	0 - 24	0.01	.0005	189 x 118 x 44	30 x 12	0345 730
0 - 1000	0 - 39	0.01	.0005	228 x 124 x 44	30 x 12	0345 734
<b>With pinion</b>						
0 - 300	0 - 12	0.01	.0005	145 x 90 x 44	30 x 12	0347 722
0 - 600	0 - 24	0.01	.0005	189 x 118 x 44	30 x 12	0347 730
0 - 1000	0 - 39	0.01	.0005	228 x 124 x 44	30 x 12	0347 734
<b>Accessories</b>					<b>Order no.</b>	
Battery, 3V-Lithium, CR 2032					0220 704	
Data cable Proximity to USB					1999 760	

## 0345 Replacement scribers for 0345 / 0347

### Model

- Carbide tipped
- Packing: individually packed

Length mm	Material	Order no.
75	Carbide-tipped	0345 910
150	Carbide-tipped	0345 912

OUTROS GRAMINHOS – OUTRAS MARCAS – FAVOR CONSULTAR