

**Digital dial indicators 0.01 and 0.001 mm**

Digital dial indicators for a favourable price.

- Measuring range: 0- 50 mm.
- Resolution: 0.01 or 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Reset.
- Clamping stem:  $\varnothing$ 8 mm.
- Dial diameter: 57 mm.
- Adjustable tolerance limits.
- Flat back and additional back with lug.
- Delivery with an inspection report.
- Power supply: 1 battery type CR2025.



Item No.	Measuring range/mm	Accuracy mm
<b>With resolution 0.01 mm:</b>		
907.634	0 - 12.5	$\pm 0.02$
907.649	0 - 25	$\pm 0.03$
907.652	0 - 50	$\pm 0.04$
<b>With resolution 0.001 mm:</b>		
907.646	0 - 12.5	$\pm 0.015$

**Options:**

- 495.214 Spare battery
- 909.446 USB interface
- 937.179 Foot switch

**USB interface:**

- For data transfer to PC (e.g. Excel, Word).
- Operating system: Windows 2000/XP/Vista/7.
- PC connection: USB data output (cable length 2 m).
- No software or driver to install.
- Foot switch (optional).



**Absolute digital dial indicators**

Absolute digital dial indicators with function to set tolerance limits with clear optical Go (NoGo) reading.

- Measuring range: 0- 50 mm.
- Resolution: 0.01 mm or 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- With data output.
- Adjustable tolerance limits.
- Tolerance display by means of illuminated green LED at GO value.
- On/off switch.
- Reset/preset.
- Ceramic stylus tip.
- Max. measuring speed: unlimited.
- Clamping stem:  $\varnothing$ 8 mm.
- Dial diameter: 60 mm.
- Reversible measuring direction.
- Flat back.
- With additional back with lug.
- Protection: IP54.
- Delivery in a case with an inspection report.
- Power supply: 1 battery type CR2032.



**NEW**

**USB interface:**

- For data transfer to PC (e.g. Excel, Word).
- Operating system: Windows and other.
- PC connection: USB.
- No software or driver to install.
- Foot switch (optional).



Item No.	Measuring range/mm	Resolution mm	Accuracy mm	Price EUR
910.221	0 - 12.5	0.001	$\pm 0.004$	135.00
910.222	0 - 25	0.001	$\pm 0.004$	159.00
910.223	0 - 50	0.001	$\pm 0.005$	231.00
906.870	0 - 12.5	0.01	$\pm 0.01$	81.00
906.871	0 - 25	0.01	$\pm 0.01$	99.00
906.872	0 - 50	0.01	$\pm 0.015$	135.00

**Options:**

- 495.157 Spare battery 0.50
- 906.618 USB interface 72.00
- 909.687 Footswitch for USB interface 17.30
- 910.038 Wireless USB receiver 47.00
- 906.619 Wireless transmitter 48.00
- 909.611 Retraction lever 1.00
- 909.613 Cable retraction device (0.7 m) (maximum travel 10 mm) 13.60
- 909.614 Retraction lever (maximum travel 12.7 mm) 6.00

**Absolute digital dial indicators**

- Measuring range: 0- 50.8 mm.
- Resolution: 0.01 mm or 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- LCD display 330° rotatable.
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Ceramic stylus tip.
- Max. measuring speed: unlimited.
- Measuring force:  $\leq 2$  N.
- Clamping stem:  $\varnothing$ 8 mm.
- Dial diameter: 60 mm.
- Reversible measuring direction.
- With determination of the reversal point (only 910.004).
- Adjustable tolerance limits (except 910.004).
- Flat back.
- With additional back with lug (only 909.998, 910.001/004).
- Protection: IP54.
- Delivery in a case with an inspection report.
- Power supply: 1 battery type CR2032.



**USB interface:**

- For data transfer to PC (e.g. Excel, Word).
- Operating system: Windows and other.
- PC connection: USB.
- No software or driver to install.
- Foot switch (optional).



Item No.	Measuring range/mm	Resolution mm	Accuracy mm
909.998	0 - 12.7	0.001	$\pm 0.004$
909.999	0 - 25.4	0.001	$\pm 0.005$
910.000	0 - 50.8	0.001	$\pm 0.006$
910.001	0 - 12.7	0.01	$\pm 0.01$
910.002	0 - 25.4	0.01	$\pm 0.01$
910.003	0 - 50.8	0.01	$\pm 0.015$

**For internal measurements:**

Item No.	Measuring range/mm	Resolution mm	Accuracy mm
910.004	0 - 12.7	0.001	$\pm 0.004$

**With Bluetooth:**

Item No.	Measuring range/mm	Resolution mm	Accuracy mm
910.079	0 - 12.7	0.001	$\pm 0.004$
910.082	0 - 12.7	0.01	$\pm 0.01$

- Options:**
- 495.157 Spare battery
  - 909.686 USB interface
  - 909.687 Footswitch for USB interface
  - 910.038 Wireless USB receiver
  - 910.039 Wireless transmitter
  - 909.611 Retraction lever
  - 909.613 Cable retraction device (0.7 m) (maximum travel 10 mm)
  - 909.614 Retraction lever (maximum travel 12.7 mm)

**Digital dial indicators**

Digital dial indicators with digital and digital-analog read-out.

- Measuring range: 0- 12.5 mm.
- Resolution: 0.002 or 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Clamping stem:  $\varnothing$ 8 mm.
- Dial diameter: 62 mm.
- Dial 360° rotatable.
- Reversible measuring direction.
- With determination of the reversal point.
- Adjustable tolerance limits.
- Power supply: 1 battery type CR2032.

Item No.	Measuring range/mm	Resolution mm	Accuracy mm	Measuring force/N
909.250	0 - 12.5	0.002	$\pm 0.015$	1.8 - 3.0
909.251	0 - 12.5	0.001	$\pm 0.006$	2.2 - 3.5

- Option:**
- 495.157 Spare battery



**Digital dial indicators**

Universal digital indicators with both digital and digital-analog display of the measuring value, and can also be rotated over 340° to ensure easy read-out in all positions.

- Measuring range: 0- 12.7 mm.
- Resolution: 0.001 mm.
- Analog resolution: 0.001/0.002/0.01/0.02/0.05 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Clamping stem:  $\varnothing$ 8 mm.
- Dial diameter: 61 mm.
- Dial 340° rotatable.
- Reversible measuring direction.
- With determination of the reversal point.
- Adjustable tolerance limits.
- Protection: IP54.
- Power supply: 1 battery type CR2032.

Item No.	Measuring range/mm	Accuracy mm
907.879	0 - 12.7	$\pm 0.01$
907.878	0 - 12.7	$\pm 0.005$

- Option:**
- 495.157 Spare battery



## Absolute horizontal digital dial indicators

- Measuring range: 0-30 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Ceramic stylus tip.
- With dovetail joint (incl. lug) and clamping stem  $\phi$  8 mm.
- Measuring force:  $\leq 2$  N.
- Reversible measuring direction.
- Protection: IP54.
- Delivery in a case with an inspection report.
- Power supply: 1 battery type CR1632.

USB interface and wireless USB receiver and sender available on request.

**NEW**



**Schut**

Item No.	Measuring range/mm	Resolution mm	Accuracy mm
910.085	0-12.7	0.001	$\pm 0.005$
910.086	0-30	0.001	$\pm 0.006$

**Option:**  
497.955 Spare battery

## Digital dial indicator with calculation function

Robust digital dial indicator with built-in calculation function for easy determination of diameters by means of measuring a curved surface. Suitable for measuring both inside and outside diameters and multifunctional dial indicator applications. Delivery with measuring bases of 10, 20, 30, 60 and 100 mm.

- Measuring range: 0-13 mm.
- Resolution: 0.005 mm.
- mm/inch conversion.
- On/off switch.
- Reset.
- Hold function.
- Clamping stem:  $\phi$  8 mm.
- Aluminum construction.
- Delivery in a case.
- Power supply: 1 battery type CR2032.

Item No.	Measuring range/mm	Accuracy mm
907.884	0-13	$\pm 0.005^*$

**Option:**  
495.157 Spare battery

\* Accuracy of the indicator without the use of measuring bases. The accuracy with measuring bases depends on the radius and form deviation of the workpiece.



## Mitutoyo Absolute Digimatic dial indicators ID-C

Digital dial indicators with the absolute measuring system and a large display for easy reading of the measuring values and the tolerance judgement. The tolerance values are shown graphically above the current measurement or the graphical display is visible on the entire display. The 330° rotatable display guarantees an ideal read-out in any position.

- Measuring range: 0-50.8 mm.
- Resolution: 0.01 or 0.001 mm.
- ABS/INC switchable (except 543.310).
- LCD display 330° rotatable.
- Digimatic data output.
- Reset/preset.
- Max. measuring speed: unlimited.
- Clamping stem:  $\phi$  8 mm.
- Tungsten carbide stylus tip.
- Reversible measuring direction (except 543.310).
- Adjustable tolerance limits.
- Protection: IP42.
- Conforms to factory standard.
- Power supply: 1 or 2 batteries type V357.

**Model with min/max/P-P function (543.300)**

**Model for internal measurements (543.310)**

- Hold function.
- Spindle movement is graphically displayed (determination of the reversal point).
- Storage for 3 preset values (for example size setting ring).
- Max. measuring speed: unlimited, for 'scanning' measurements: 0.05 mm/s.

**Schut**



Item No.	Measuring range/mm	Resolution mm	Accuracy mm	Measuring force/N
543.400	0-12.7	0.01	$\pm 0.02$	$\leq 0.9$
543.474	0-25.4	0.01	$\pm 0.02$	$\leq 1.8$
543.494	0-50.8	0.01	$\pm 0.04$	$\leq 2.3$
543.390	0-12.7	0.001	$\pm 0.003$	$\leq 1.5$
543.470	0-25.4	0.001	$\pm 0.003$	$\leq 1.8$
543.490	0-50.8	0.001	$\pm 0.005$	$\leq 2.3$

**With a reduced measuring force:**

543.404	0-12.7	0.01	$\pm 0.02$	$\leq 0.2-0.5$
543.394	0-12.7	0.001	$\pm 0.003$	$\leq 0.4-0.7$

**With min/max/P-P function:**

543.300	0-12.7	0.001	$\pm 0.003$	$\leq 1.5$
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**For internal measurements:**

543.310	0-12.7	0.001	$\pm 0.003$	$\leq 1.5$
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**Options:**  
836.535 Spare battery (543.300 and 543.310: 2 needed)  
905.338 Digimatic signal cable, 1 m  
905.409 Digimatic signal cable, 2 m  
106.384 USB Input Tool Direct cable, 2 m  
102.795 U-WAVE data cable



543.310

## Mitutoyo Absolute Digimatic dial indicators ID-S / ID-S Solar

Standard digital dial indicators with the absolute measuring system with a very good price-performance ratio.

- Measuring range: 0-12.7 mm.
- Resolution: 0.01 or 0.001 mm.
- Digimatic data output.
- Max. measuring speed: any.
- Measuring force: 543.781/790:  $\leq 2.0$  N, 543.500/505:  $\leq 1.5$  N.
- Clamping stem:  $\phi$  8 mm.
- Tungsten carbide stylus tip.
- Reversible measuring direction.
- Protection: IP42.
- Conforms to factory standard.
- Power supply: 1 battery type V357 (543.781/790).

**NEW**



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

Item No.	Measuring range/mm	Resolution mm	Accuracy mm
543.781	0-12.7	0.01	$\pm 0.02$
543.790	0-12.7	0.001	$\pm 0.003$

**ID-S Solar:**

543.505	0-12.7	0.01	$\pm 0.02$
543.500	0-12.7	0.001	$\pm 0.003$

**Option:**  
836.535 Spare battery

## Mitutoyo Absolute Digimatic dial indicator 0.01 mm ID-U

Dial indicator from Mitutoyo that combines the absolute system with a measuring range of 25.4 mm.

- Measuring range: 0-25.4 mm.
- Resolution: 0.01 mm.
- Digimatic data output.
- On/off switch.
- Reset.
- Max. measuring speed: any.
- Measuring force:  $\leq 1.8$  N.
- Clamping stem:  $\phi$  8 mm.
- Tungsten carbide stylus tip.
- Reversible measuring direction.
- Dimensions: 207.3 x 38 x 23 mm.
- Protection: IP42.
- Conforms to factory standard.
- Power supply: 1 battery type V357.

**Schut**



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

Item No.	Measuring range/mm	Accuracy mm
575.121	0-25.4	$\pm 0.02$

**Options:**  
836.535 Spare battery  
540.774 Lift lever (12 mm)

## Mitutoyo Absolute Digimatic dial indicators ID-B and ID-N

Compact digital dial indicators with the Absolute measuring system and with protection degree IP66. Flexible mounting because the display can also display upside-down.

- Measuring range: 0-12.7 mm.
- Resolution: 0.01 or 0.001 mm.
- ABS/INC switchable.
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Hold function.
- Max. measuring speed: unlimited.
- Measuring force:  $\leq 2$  N (0-5 mm),  $\leq 2.5$  N (0-12.7 mm).
- Clamping stem:  $\phi$  8 mm.
- Tungsten carbide stylus tip.
- Reversible measuring direction.
- Adjustable tolerance limits.
- Protection: IP66.
- Conforms to factory standard.
- Power supply: 1 battery type V357.



Top view 543.580



543.580 (543.585)

543.575 (543.570)

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

Item No.	Measuring range/mm	Resolution mm	Accuracy mm
543.580	0-5	0.01	$\pm 0.02$
543.585	0-5	0.001 / 0.01	$\pm 0.003 / \pm 0.01$
543.570	0-12.7	0.01	$\pm 0.02$
543.575	0-12.7	0.001 / 0.01	$\pm 0.003 / \pm 0.01$

**Option:**  
836.535 Spare battery

**Schut**

### Mitutoyo Absolute Digimatic dial indicators with calculation function ID-C

Multi-functional dial indicators with absolute measuring system and built-in calculation function for various applications. The results, for example inside and outside diameter, groove width, bore diameter and curve radius, are determined based on the spindle displacement  $x$ ; formula:  $Ax + B + Cx^2$ . The coefficients A, B and C can be set and the calculations are processed and displayed real-time. Besides the calculation function these dial indicators have the following functions: tolerance judgement, zero point setting, memory for min/max value, hold function and data output.

- Measuring range: 0-50.8 mm.
- Resolution: 0.0002 to 1 mm, switchable.
- ABS/INC switchable.
- LCD display 330° rotatable.
- Digimatic data output.
- Reset/preset.
- Max. measuring speed: unlimited.
- Clamping stem:  $\varnothing$  8 mm.
- Adjustable tolerance limits.
- Protection: IP42.
- Power supply: 1 battery type V357.



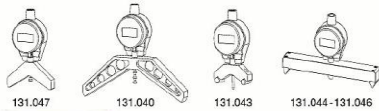
Item No.	Measuring range/mm	Accuracy mm	Measuring force/N
543.340	0-12.7	$\pm$ 0.003	$\leq$ 1.5
543.590	0-25.4	$\pm$ 0.003	$\leq$ 1.8
543.595	0-50.8	$\pm$ 0.006	$\leq$ 2.3

#### Options:

- 836.535 Spare battery
- 905.338 Digimatic signal cable, 1 m
- 905.409 Digimatic signal cable, 2 m
- 106.384 USB Input Tool Direct cable, 2 m
- 102.795 U-WAVE data cable
- 210.198 Retraction lever
- 540.774 Cable retraction device
- 101.040 Back plate with lug

#### Bridges

A number of standard bridges have been developed for these indicators to provide several convenient measuring solutions. The accuracy depends on the radius and form deviation of the workpiece. Custom-made bridges are also possible.



Item No.	Description
131.047	Bridge, $r = 15-80$ mm
131.040	Bridge, $r = 40-210$ mm
131.043	Bridge, $r > 40$ mm
131.044	Bridge, $r > 120$ mm
131.045	Bridge, $r > 420$ mm
131.046	Bridge, $r > 1000$ mm



### Digital dial indicators TESA Digico

Digital dial indicators with digital and digital-analog read-out. Authentic Swiss made product.

- Measuring range: 0-25 mm.
- Resolution: 0.01 or 0.001 mm.
- mm/inch conversion.
- USB/RS232C data output.
- Automatic switch-off.
- Absolute mode (spindle position is also read after automatic switch-off).
- Reset.
- Measuring force:  $\leq$ 2.0 N.
- Dial diameter: 57 mm.
- Reversible measuring direction.
- Adjustable tolerance markers.
- Key lock function.
- Protection: IP62 (only 783.084).
- DIN 878.
- Delivery in a case with an inspection report.
- Power supply: 1 battery type CR2032.

#### TESA Digico 400/500/600/700

The 270° rotatable display guarantees an ideal read-out in any position.

- Preset.
- Overall reset.
- ABS/INC switchable.
- Numerical tolerance limits.
- Function for dynamic measurements (min, max, max-min) and memory for maximum and minimum values (only Digico 600/700).
- Determination of reversal point for internal measurements (only Digico 700).



Item No.	Type	Measuring range/mm	Resolution mm	Accuracy mm
<b>TESA Digico 200/300:</b>				
783.000	205 MI	0-12.5	0.01	$\pm$ 0.02
783.035	305 MI	0-12.5	0.001	$\pm$ 0.008
<b>TESA Digico 400/500:</b>				
783.142	410 MI	0-25	0.01	$\pm$ 0.02
783.084	505 MIP <sup>1</sup>	0-12.5	0.001	$\pm$ 0.004
<b>TESA Digico 600:</b>				
783.085	605 MI	0-12.5	0.001	$\pm$ 0.004
783.144	610 MI	0-25	0.001	$\pm$ 0.005
<b>TESA Digico 700:</b>				
783.086	705 MI	0-12.5	0.001	$\pm$ 0.004

#### Options:

- 495.157 Spare battery
- 783.001 Connection for AC adapter<sup>2</sup>
- 782.201 AC adapter (without power cable)<sup>2</sup>
- 782.202 EU power cable for AC adapter<sup>2</sup>
- 783.027 Opto-USB cable (2 m)
- 781.887 Opto-RS232C cable 9p (2 m)
- 781.999 Opto-RS232C cable 9p, bidirectional (2 m)
- 783.556 TESA Link Connector Adapter Opto-RS232/TLC
- 783.555 TESA Link Connector Bluetooth

<sup>1</sup> With protection IP62.

<sup>2</sup> To be used together for external power supply.



NEW



### Digital mini dial indicators TESA Digico 12/12-HP

Designed for working in the toughest conditions, protected against spraying water, oil and coolants. The diameter of the housing is only 44 mm. Patented, inductive measuring system. The Digico 12-HP dial indicators (\*) are high-precision models.

- Measuring range: 0-12.5 mm.
- Resolution: 0.01 mm or 0.001/0.01 mm.
- Accuracy:  $\pm$ 0.01 mm.
- Repeatability: 0.005 mm.
- mm/inch conversion.
- ABS/INC switchable (except 12-HP).
- RS232C data output with external power supply.
- Automatic switch-off.
- Preset (except 12-HP) and reset.
- Max. measuring speed: 2 m/s.
- Measuring force: 0.5-0.9 ( $\pm$ 0.15) N.
- Reversible measuring direction (except 12-HP).
- Protection: IP65.
- Delivery with an inspection report (except the 0.01 mm models) and a declaration of conformity.
- Power supply: 1 battery type CR2032.

- TESA Digico 12-HP\*
- Accuracy:  $\pm$ 0.002 mm.
- Repeatability: 0.002 mm.
- With digital-analog display of the measured value ( $\pm$ 0.025 to  $\pm$ 1.25 mm).
- Lock of automatic switch-off.
- Min/max/P-P function.



Item No.	Measuring range/mm	Resolution mm
782.432	0-12.5	0.01
782.434	0-12.5	0.001/0.01
782.436*	0-5	0.001/0.01

Mechanics and electronics IP65 protected:		
782.433	0-12.5	0.01
782.435	0-12.5	0.001/0.01
782.437*	0-5	0.001/0.01

- Option: 495.157 Spare battery



### Digital dial indicators TESA Digico 1/2

- Measuring range: 0-60 mm.
- Resolution: 0.001/0.01 mm.
- Hysteresis: 0.001 mm.
- mm/inch conversion.
- Illuminated LCD display with digital-analog representation of the measured value.
- Display rotatable over 90°, 180° and 270°.
- RS232C data output.
- Automatic switch-off.
- Min/max/P-P function.

- Tungsten carbide stylus tip.
- Reversible measuring direction.
- Adjustable tolerance limits and color indication (only when using AC adapter).
- Protection: IP54.
- Delivery with battery, retraction lever, an inspection report and a declaration of conformity.
- Power supply: 1 lithium battery 3.6 V or AC adapter.



Item No.	Type	Measuring range/mm	Accuracy mm
781.416	Digico 1	0-30	$\pm$ 0.002
781.707	Digico 2	0-60	$\pm$ 0.003

#### Options:

- 781.624 Spare battery
- 781.421 AC adapter
- 781.862 Cable SPC printer



### Mitutoyo Absolute Digimatic dial indicators ID-F/ID-H

Very advanced Mitutoyo Absolute dial indicators for the demanding user. Besides the high accuracy, these indicators are equipped with many practical functions, among which an automatic hold function for the maximum and minimum measuring value, calculation of min-max difference value and tolerance judgements with help of a color changing display (red/green).

To optimise the reproducibility and stability of measurements for the ID-H dial indicators an optional remote control device is available with which the indicator can be set up without actually physically making contact.



- Measuring range: 0-60.9 mm.
- Resolution: 0.01, 0.001 or 0.0005 mm, switchable.
- RS232C data output (only 543.561/563).
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Clamping stem:  $\varnothing$  8 mm.
- Tungsten carbide stylus tip:  $\varnothing$  3 mm.
- Reversible measuring direction.
- Adjustable tolerance limits.
- Conforms to factory standard.
- Power supply: AC adapter.



Item No.	Measuring range/mm	Resolution mm	Accuracy mm	Measuring force/N
<b>ID-F</b>				
543.551	0-25	0.01/0.001	$\pm$ 0.003	$\leq$ 1.8
543.553	0-50	0.01/0.001	$\pm$ 0.006	$\leq$ 2.3
543.557	0-50	0.01/0.001	$\pm$ 0.003	$\leq$ 2.3
<b>ID-H</b>				
543.561	0-30.4	0.001/0.0005	$\pm$ 0.0015	$\leq$ 2.0
543.563	0-60.9	0.001/0.0005	$\pm$ 0.0025	$\leq$ 2.5

#### Options:

- 210.099\* Remote control
- 540.774 Cable retraction device, 12 mm stroke
- 210.131\* RS232C cable, 2 m
- 936.937 Digimatic signal cable without data switch, 1 m
- 965.014 Digimatic signal cable without data switch, 2 m
- 106.383 USB Input Tool Direct cable, 2 m
- 102.791 U-WAVE data cable

\*Only for ID-H.



**Dial indicators / Dial test indicators / Center instruments  
Edge finders / Probes / MF measuring fixture system**



**Accuracy of dial indicators according DIN 878**

Measuring range (mm)	Max. permissible errors (µm)
0- 0.4	9
0- 0.8	9
0- 3	12
0- 5	14
0-10	17

**Accuracy of precision dial indicators according DIN 879**

Graduation (mm)	Max. permissible errors (µm)
0.001	1.2
0.01	12

**Accuracy of dial test indicators according DIN 2270**

Graduation (mm)	Max. permissible errors (µm)
0.002	4
0.01	13

**Magnescale digital indicators**

- Measuring range: 0-60 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- RS232C data output.
- Min/max/P-P function.
- Measuring force U12B: ≤ 1.3 N,  
U30B: ≤ 1.5 N,  
U60B: ≤ 2.2 N.
- Reversible measuring direction.
- Mounting by:  
a) clamping stem ø 8 mm,  
b) thread M12x1, length 8 mm (including nut M12).
- Air damped travel.
- Power supply: AC adapter (6 Vdc, 500 mA).
- Delivery without AC adapter.



Item No.	Type	Measuring range/mm	Accuracy mm
344.431	U12B-F	0-12	±0.001
344.430	U30B-F	0-30	±0.001
344.432	U60B-F	0-60 <sup>1</sup>	±0.0015

- Options:**
- 334.694 Mini AC adapter (6 Vdc)
  - 344.409 Set of 4 probes DZ5100
  - 344.437 Pneumatic retraction device DZ173 (maximum travel 34 mm)
  - 540.774 Cable retraction device (12 mm)
  - 402.165 Stand 150 mm, granite table
  - 334.690 Stand 135 mm, alumina ceramic grooved table
  - 348.122 RS232C cable 9p

- 264.504 Mitutoyo DP-1VR SPC printer<sup>2</sup>
- 348.042 RS232C→Mitutoyo interface<sup>3</sup>
- 937.179 Foot switch
- 900.825 Printing paper (5 rolls)

<sup>1</sup> The maximum travel is 34 mm with pneumatic retraction device or cable retraction device.  
<sup>2</sup> Incl. AC adapter (6 Vdc) and a roll of printing paper.  
<sup>3</sup> Makes e.g. the Magnescale signal suitable for the DP-1VR printer (also requires cable 348.122).