



Absolute digital micrometers with tolerance indication IP54

Digital calipers with function to set tolerance limits with clear optical Go (NoGo) reading.

- Measuring range: 0-100 mm.
- Resolution: 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.
- Automatic switch-off.
- Reset.
- Tungsten carbide measuring faces: ϕ 6.5 mm.
- Protection: IP54.
- DIN 863 T1.
- 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).

NEW



Item No.	Measuring range/mm	Accuracy mm
906.862	0 - 25	\pm 0.003
906.863	25 - 50	\pm 0.003
906.864	50 - 75	\pm 0.004
906.865	75 - 100	\pm 0.004

- Options:**
 495.157 Spare battery
 906.618* USB interface
 909.687 Footswitch for USB interface
 910.038 Wireless USB receiver
 906.619 Wireless transmitter

*Standard configured for PC with English (US) keyboard. Also available on request for alternative keyboards.

Digital micrometers

Rugged digital micrometers with simple functions and an excellent price-performance ratio.

- Measuring range: 0-200 mm.
- Resolution: 0.001 mm.
- Automatic switch-off.
- Reset/preset.
- Tungsten carbide measuring faces: ϕ 6.5 mm.
- Varnished frame with insulating grip.
- DIN 863 T1.
- From measuring range 25-50 mm including setting gauge.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Accuracy mm
Not switchable:		
908.750	0 - 25	\pm 0.004
908.751	25 - 50	\pm 0.004
908.752	50 - 75	\pm 0.005
908.753	75 - 100	\pm 0.005
908.754	100 - 125	\pm 0.006
908.755	125 - 150	\pm 0.006
908.756	150 - 175	\pm 0.007
908.757	175 - 200	\pm 0.007
Switchable mm/inch and ABS/INC:		
908.758	0 - 25	\pm 0.004
908.759	25 - 50	\pm 0.004
908.760	50 - 75	\pm 0.005
908.761	75 - 100	\pm 0.005
908.762	100 - 125	\pm 0.006
908.763	125 - 150	\pm 0.006
908.764	150 - 175	\pm 0.007
908.765	175 - 200	\pm 0.007

Sets

Item No.	Measuring range/mm	Pieces
Not switchable:		
908.766	0 - 75	3
908.767	0 - 100	4
908.768	0 - 150	6
Switchable mm/inch and ABS/INC:		
908.769	0 - 75	3
908.770	0 - 100	4
908.771	0 - 150	6

Option

Item No.	Description
836.535	Spare battery

Digital micrometers

Rugged digital micrometers with simple functions and an excellent price-performance ratio.

- Measuring range: 0-150 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Tungsten carbide measuring faces: ϕ 6.5 mm.
- Delivery in a case.
- Power supply: 1 battery type CR2032.



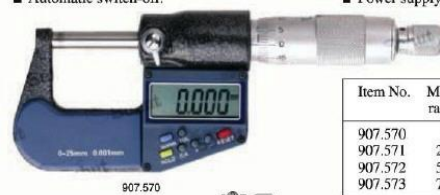
Item No.	Measuring range/mm	Accuracy mm
909.982	0 - 25	\pm 0.003
909.983	25 - 50	\pm 0.003
909.984	50 - 75	\pm 0.004
909.985	75 - 100	\pm 0.004
909.986	100 - 125	\pm 0.005
909.987	125 - 150	\pm 0.005

- Option:**
 495.157 Spare battery

Digital micrometers with tolerance indication

These absolute digital micrometers are provided with both a tolerance and a hold function. They also have a large display.

- Measuring range: 0-100 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Digit height: 9 mm.
- Automatic switch-off.
- Reset/preset.
- Hold function.
- Adjustable tolerance limits.
- Tungsten carbide measuring faces: ϕ 6.5 mm.
- DIN 863 T1.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Accuracy mm
907.570	0 - 25	\pm 0.004
907.571	25 - 50	\pm 0.004
907.572	50 - 75	\pm 0.005
907.573	75 - 100	\pm 0.005

- Option:**
 836.535 Spare battery

Digital micrometers with double display

This patented micrometer distinguishes itself by its two large displays on both sides of the instrument, which can also display upside-down. Therefore the measuring value can always be presented upright, which enables ergonomic read-out at all times. Add to this its measuring range of 30 mm, the tungsten carbide measuring faces and then check out its price.

- Measuring range: 0-205 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Double LCD display.
- Second display can be switched on/off separately.
- Automatic switch-off.
- Reset/preset.
- Tungsten carbide measuring faces.
- DIN 863 T1.
- Delivery in a case.
- From measuring range 25-55 mm including setting gauge.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Accuracy mm
907.682	0 - 30	\pm 0.004
907.683	25 - 55	\pm 0.004
907.684	50 - 80	\pm 0.005
907.685	75 - 105	\pm 0.005
907.686	100 - 130	\pm 0.006
907.687	125 - 155	\pm 0.006
907.688	150 - 180	\pm 0.007
907.689	175 - 205	\pm 0.007

- Option:**
 495.157 Spare battery

Micrometers with counter

These solid micrometers have a counter with a resolution of 0.01 mm for an error free read-out of the measuring value, and a very favourable price-performance ratio.

- Measuring range: 0-200 mm.
- Resolution: 0.01 mm.
- Numerical counter adjustable.
- Tungsten carbide measuring faces.
- Delivery with adjustment tool.
- From measuring range 25-50 mm including setting gauge.



Sets (delivered incl. setting gauges)

Item No.	Measuring range/mm	Pieces
906.564	0 - 75	3
906.565	0 - 100	4
906.566	0 - 150	6

Item No.	Measuring range/mm	Accuracy mm
906.556	0 - 25	\pm 0.01
906.557	25 - 50	\pm 0.01
906.558	50 - 75	\pm 0.01
906.559	75 - 100	\pm 0.01
906.560	100 - 125	\pm 0.02
906.561	125 - 150	\pm 0.02
906.562	150 - 175	\pm 0.02
906.563	175 - 200	\pm 0.02

Mitutoyo Digimatic micrometer

Digital micrometer with a very compact design.

- Measuring range: 0-25 mm.
- Resolution: 0.001 mm.
- Reset.
- Measuring force: 5-10 N.
- Spindle: $\phi 6.35$ mm.
- Ground and lapped tungsten carbide measuring faces.
- Varnished frame.
- Weight: 275 g.
- DIN 863 T1.
- Delivery in a case with an inspection report and a declaration of conformity.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Accuracy mm
293.821	0-25	± 0.002
Option: 836.535 Spare battery		

Mitutoyo Absolute Digimatic Quick Micrometer

Very fast adjustable digital micrometer (10 mm/rotation!) with the absolute system and a non-rotating spindle. It works according to the Abbe principle and has an almost unlimited measuring speed. All this makes the Quick Micrometer the most accurate 'quick meter' of its kind.

The model with adjustable measuring force is for measurements of small, vulnerable and deformable objects. Should be used in horizontal position for optimal accuracy of the measuring force.

- Measuring range: 0-30 mm.
- Resolution: 0.001 mm.
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Hold function.
- Max. measuring speed: unlimited.
- 1 revolution of the thimble = 10 mm.
- Flatness measuring faces: ≤ 0.3 μ m.
- Parallelism measuring faces: ≤ 2.0 μ m.
- Non-rotating spindle.
- Ground and lapped tungsten carbide measuring faces: $\phi 6.35$ mm.
- Varnished frame.
- Protection: 293.666: IP65.
- Conforms to factory standard.
- Delivery in a case.
- Power supply: 1 battery type V357.
- Also larger sizes available.

NEW



Item No.	Measuring range/mm	Accuracy mm	Measuring force/N
293.666	0-30	± 0.002	5 - 10
With adjustable measuring force:			
227.205	0-10	± 0.002	2 - 10
227.202	0-15	± 0.002	2 - 10
227.201	0-15	± 0.002	0.5 - 2.5
Option: 836.535 Spare battery			

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



Setting measuring force (227.201/202/205)

Digital micrometers IP54

- Measuring range: 0-150 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- Automatic switch-off.
- Reset.
- Tungsten carbide measuring faces: $\phi 6.5$ mm.
- Protection: IP54.
- DIN 863 T1.
- From measuring range 25-50 mm including setting gauge.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Accuracy mm
910.041	0-25	± 0.004
910.042	25-50	± 0.004
910.043	50-75	± 0.005
910.044	75-100	± 0.005
910.045	100-125	± 0.006
910.046	125-150	± 0.006
Option: 836.535 Spare battery		

Sets

Item No.	Measuring range/mm	Pieces
910.053	0-75	3
910.054	0-100	4
910.055	0-150	6

Digital micrometers IP65

These IP65 protected micrometers are especially suitable for use in production environments.

- Measuring range: 0-100 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Reset.
- Tungsten carbide measuring faces: $\phi 6.5$ mm.
- Protection: IP65.
- From measuring range 25-50 mm including setting gauge.
- Delivery in a case with ball attachment and an inspection report.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Accuracy mm
909.988	0-25	± 0.003
909.989	25-50	± 0.003
909.990	50-75	± 0.004
909.991	75-100	± 0.004
Option: 495.157 Spare battery		



Digital fast adjustable external measuring instruments IP65

These digital external measuring instruments have an IP65 classification and are therefore not only resistant to dust, but can also withstand water jets. The non-rotating spindle is lever operated and fast adjustable.

- Measuring range: 0-100 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Digimatic data output.
- On/off switch.
- Reset.
- Non-rotating spindle.
- Tungsten carbide measuring faces: $\phi 6.5$ mm.
- Protection: IP65.
- From measuring range 25-50 mm including setting gauge.
- Delivery in a case with ball attachment and 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	Accuracy mm
909.994	0-25	± 0.003
909.995	25-50	± 0.003
909.996	50-75	± 0.004
909.997	75-100	± 0.004
With Bluetooth:		
910.075	0-25	± 0.003
Options:		
495.157	Spare battery	
909.686	USB interface	
909.687	Footswitch for USB interface	
910.038	Wireless USB receiver	
910.039	Wireless transmitter	

Digital micrometers IP65

These digital micrometers have an IP65 classification and are therefore not only resistant to dust but can also withstand water jets. Also available as fast adjustable micrometers with a pitch of 2 mm.

- Measuring range: 0-300 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Tungsten carbide measuring faces.
- Protection: IP65.
- DIN 863 T1.
- Power supply: 1 battery type V357.

Fast adjustable micrometers

- 1 revolution of the thimble = 2 mm.



NEW



Fast adjustable micrometers

Item No.	Measuring range/mm	Accuracy mm
909.549	0-25	± 0.002
909.550	25-50	± 0.002
909.551	50-75	± 0.003
909.552	75-100	± 0.003
909.556	100-125	± 0.003
909.557	125-150	± 0.003
909.558	150-175	± 0.004
909.559	175-200	± 0.004
909.560	200-225	± 0.004
909.561	225-250	± 0.004
909.562	250-275	± 0.005
909.563	275-300	± 0.005
Option: 836.535 Spare battery		

Item No.	Measuring range/mm	Accuracy mm
909.545	0-25	± 0.002
909.546	25-50	± 0.002
909.547	50-75	± 0.003
909.548	75-100	± 0.003

Sets

Item No.	Measuring range/mm	Pieces
909.577	0-75	3
909.578	0-100	4
909.579	0-150	6

TESA Micromaster digital *capa μ* micrometers IP54

This line of digital micrometers with the patented *capa μ* measuring system has a very light-weight and ergonomic design and is equipped with a large easy-to-read LCD display with 7 mm large digits. Especially the high protection degree – IP54 against dust and splash water – makes this series of micrometers very suitable for use in workshop conditions. The friction thimble ensures a constant measuring force of approximately 10 N for optimal repeatability.

- Measuring range: 0-300 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- With or without bidirectional Opto-RS232C data output.
- Automatic switch-off.
- Reset/preset and hold function.
- Locking screw.
- Friction thimble.
- Tungsten carbide measuring faces: ϕ 6.5 mm (from measuring range 100-125 mm: ϕ 8 mm).
- No-glare chrome finished frame with insulating grip.
- Protection: IP54.
- (When using data output: IP40.)
- DIN 863 T1.
- Delivery in a case with an inspection report and a declaration of conformity.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Accuracy mm
Without Opto-RS232C data output:		
782.100 ¹	0- 30	±0.004
782.101	0- 30	±0.004
782.102	25- 50	±0.004
782.103	50- 75	±0.005
782.104	75-100	±0.005
With Opto-RS232C data output:		
782.105	0- 30	±0.004
782.106	25- 50	±0.004
782.107	50- 75	±0.005
782.108	75-100	±0.005
782.115	100-125	±0.006
782.116	125-150	±0.006
782.117	150-175	±0.007
782.118	175-200	±0.007
782.119	200-225	±0.008
782.122	225-250	±0.008
782.123	250-275	±0.009
782.124	275-300	±0.009

Option:
495.157 Spare battery
¹ Micromaster "Easy": simple model with protection IP40 and without preset function.



Mitutoyo Digimatic and *QuantuMike* micrometers IP65

These digital *Coolant Proof* micrometers have an IP65 classification and are therefore not only resistant to dust but can also withstand water jets. The large and clear LCD display with 7.5 mm high digits enables easy read-out. New in this line is the revolutionary *QuantuMike* with a pitch of 2 mm. The spindle feed is therefore 4x as fast. This way, the *QuantuMike* offers you a reduction in costs.

- Measuring range: 0-100 mm.
- Resolution: 0.001 mm.
- ABS/INC switchable.
- Automatic switch-off.
- Reset.
- ABS reset by means of origin.
- Hold function.
- 1 revolution of the thimble = 2 mm (only *QuantuMike*).
- Locking screw.
- Tungsten carbide measuring faces.
- Varnished frame with insulating grip.
- Protection: IP65.
- Conforms to factory standard.
- Delivery in a case with an inspection report and a declaration of conformity.
- Power supply: 1 battery type V357.
- The standard model with data output (293.230-293.233) is available up to 300 mm, and is also available in sets.



Item No.	Measuring range/mm	Accuracy mm	Digimatic output
293.240	0- 25	±0.001	no
293.241	25- 50	±0.001	no
293.242	50- 75	±0.001	no
293.243	75-100	±0.002	no
293.230	0- 25	±0.001	yes
293.231	25- 50	±0.001	yes
293.232	50- 75	±0.001	yes
293.233	75-100	±0.002	yes
293.234 ¹	0- 25	±0.001	yes
293.244 ¹	0- 25	±0.001	no
QuantuMike:			
293.145	0- 25	±0.001	no
293.146	25- 50	±0.001	no
293.147	50- 75	±0.001	no
293.148	75-100	±0.002	no
293.140	0- 25	±0.001	yes
293.141	25- 50	±0.001	yes
293.142	50- 75	±0.001	yes
293.143	75-100	±0.002	yes

Options:
836.535 Spare battery
105.662² Digimatic data cable, 1 m
105.663² Digimatic data cable, 2 m
106.380² USB Input Tool Direct cable, 2 m
102.791² U-WAVE data cable

¹ With ratchet thimble.
² With data switch.



Mitutoyo Absolute Digimatic Submicrometer MDH

Micrometer with a higher resolution (switchable) and accuracy.

- Measuring range: 0-25 mm.
- Resolution: 0.0001 or 0.0005 mm.
- Digimatic data output.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Hold function.
- Measuring force: 7-9 N.
- Spindle: ϕ 6.35 mm.
- Locking screw.
- Tungsten carbide measuring faces: ϕ 3.2 mm.
- Varnished frame with insulating grip.
- Absolute rotary sensor.
- Weight: 400 g.
- Conforms to factory standard.
- Delivery in a case with an inspection report.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Accuracy mm
293.100	0-25	±0.0005

Options:
495.157 Spare battery
105.662² Digimatic data cable, 1 m
105.663² Digimatic data cable, 2 m
106.380² USB Input Tool Direct cable, 2 m
102.791² U-WAVE data cable

¹ With data switch.

Digital micrometers IP65 with a large measuring range

- Measuring range: 0-1000 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off.
- Reset/preset.
- Rotating spindle.
- Adjustable tolerance limits.
- Tungsten carbide measuring faces: ϕ 8 mm.
- 0- 300 mm: cast iron frame,
- 300-1000 mm: tubular steel frame with insulating grips.
- Protection: IP65.
- Delivery in a case with setting gauges and interchangeable anvils.
- Power supply: 1 battery type V357.



NEW



Item No.	Measuring range/mm	Accuracy mm	Number of anvils	Number of setting gauges
909.580	0- 100	±0.005	4	3
909.581	100- 200	±0.007	4	4
909.582	200- 300	±0.008	4	4
909.583	300- 400	±0.009	4	2
909.584	400- 500	±0.010	4	2
909.585	500- 600	±0.010	4	2
909.586	600- 700	±0.011	4	2
909.587	700- 800	±0.012	4	2
909.588	800- 900	±0.013	4	2
909.589	900-1000	±0.013	4	2

Option:
836.535 Spare battery

Mitutoyo Quick Mini digital quick thickness gauge

The measuring instrument to always carry with you. Pull back the switch, insert the sample, release the switch and read the value!

- Measuring range: 0-12 mm.
- Resolution: 0.01 mm.
- Accuracy: \pm 0.02 mm.
- Repeatability: 0.01 mm.
- ABS/INC switchable.
- Reset.
- Measuring force: 2 N.
- Anvil measuring face: ϕ 6.5 mm.
- Pin measuring face: ϕ 5 mm.
- Delivery in a case.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm
700.119	0-12

Option:
836.535 Spare battery

Micrometers with adjustable anvil with dial indicator

Micrometers with an adjustable anvil with dial indicator, for measurements in a wide measuring range.

- Measuring range: 0-1000 mm.

Specifications micrometer:

- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.

Digital

- mm/inch conversion.
- Automatic switch-off.
- Reset/preset.
- Power supply: 1 battery type V357.

Specifications dial indicator:

- Graduation: 0.01 mm.
- Range adjustable anvil: 5 mm.
- Max. measuring force anvil with dial indicator: 10 N.
- Adjustable tolerance markers.



Analog

Item No.	Measuring range/mm	Accuracy mm
907.015	0- 100	±0.006
907.016	100- 200	±0.007
907.017	200- 300	±0.008
907.018	300- 400	±0.009
907.019	400- 500	±0.010
907.020	500- 600	±0.011
907.021	600- 700	±0.012
907.022	700- 800	±0.013
907.023	800- 900	±0.014
907.024	900-1000	±0.015

Digital

Item No.	Measuring range/mm	Accuracy mm
907.025	0- 100	±0.006
907.026	100- 200	±0.007
907.027	200- 300	±0.008
907.028	300- 400	±0.009
907.029	400- 500	±0.010
907.030	500- 600	±0.011
907.031	600- 700	±0.012
907.032	700- 800	±0.013
907.033	800- 900	±0.014
907.034	900-1000	±0.015

Option:

836.535 Spare battery 1.20

Digital micrometers IP54 with pin-shaped anvil

Digital micrometers for measuring e.g. (tube) wall thickness.

- Measuring range: 0-50 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off (except 907.036).
- Reset/preset.
- Adjustable tolerance limits (only 907.036).
- Pin-shaped anvil: ϕ 1.8 mm.
- Tungsten carbide measuring faces.
- Protection: IP54.
- Power supply: 1 battery type V357.



907.036

Item No.	Measuring range/mm	Accuracy mm	Price
907.036	0- 25	±0.006	
907.037	25- 50	±0.006	
Option:			
836.535	Spare battery		

Digital micrometers with special measuring jaws

Digital micrometers with special measuring jaws for measurements in hard-to-reach places such as cut-outs in workpieces, gear pitches, etc.

- Measuring range: 0-175 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- Automatic switch-off (except 906.131).
- Reset/preset.
- Non-rotating spindle.
- Adjustable tolerance limits (only 906.131).
- Power supply: 1 battery type V357.



906.131

Item No.	Measuring range/mm	Accuracy mm	Price
906.131	0- 25	±0.004	
906.132	25- 50	±0.004	
906.133	50- 75	±0.005	
906.134	75- 100	±0.005	
906.592	100- 125	±0.006	
906.593	125- 150	±0.006	
906.594	150- 175	±0.007	
Option:			
836.535	Spare battery		