# m GUMASTER — Ferramentas e Técnicas Inovadoras, Lda

Ferramentas Energeticamente Ecológicas em todos os sentidos

## **PAQUIMETROS DIGITAIS BOLSO**

#### Schut for Precision



#### Absolute digital calipers

Calipers with an absolute measuring system for easy incremental and absolute conversion.

- Measuring range: 0 300 mm. Resolution: 0.01 mm. ■ ABS/INC switchable.
- mm/inch conversion
- Reset

On/off switch.

- Large LCD display.
- Thumb wheel/locking screw/flat depth rod.
- Power supply: 1 battery type V357



Item No.	Measuring range/mm	Jaw length mm	Thumb
906.480	0-150	40	yes
906.481	0-200	50	yes
906.482	0-300	60	yes

### Digital calipers with excellent price-performance ratio

- Measuring range: 0-300 mm.
   Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch.

- Large LCD display (except 906.483/484).
- Thumb wheel (except 906.483/484).
  Locking screw/flat depth rod.
  Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Jaw length mm	Thumb wheel
906.483	0- 75	30	no
906.484	0-100	30	no
906.300	0-150	40	yes
906.302	0-200	50	yes
906.304	0-300	60	yes
Left-hand	ded model:		
906.299	0-150	40	yes
Option:	S L		



Left-hand	ied model:
906.299	0-150
Option:	2 (1) (4)
836 535	Spare hattery

#### Absolute digital calipers

Calipers with an absolute measuring system for easy incremental and absolute conversion. The advantage of these calipers is the one-time setting of the absolute zero position until the battery has to be changed. This reduces the chance of measuring errors and enables you to use the calipers without zero setting.

- Measuring range: 0 300 mm.
   Resolution: 0.01 mm.
   mm/inch conversion.

- ABS/INC switchable.
   On/off switch.
- Automatic switch-off.
- Reset.

  Large LCD display.

  Thumb wheel/locking screw/flat depth rod.
- DIN 862
- Delivery with an inspection report.
   Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Jaw length mm
907.546	0-150	40
907.547	0-200	50
907.548	0-300	60
Option:		
836.535	Spare battery	

### Digital calipers

The advantage of these calipers is the one-time setting of the absolute zero position until the battery has to be changed. This reduces the chance of measuring errors and enables you to use the calipers without zero setting.

- Measuring range: 0 300 mm.
- Resolution: 0.01 mm.
  mm/inch conversion.
- On/off switch.
- Automatic switch-off.
- Reset.
- Large LCD display.
   Thumb wheel/locking screw/flat depth rod.
- DIN 862.
- Delivery with an inspection report.
  Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Jaw length mm
907.537	0-150	40
907.538	0-200	50
907.539	0-300	60
Option:		
836.535	Spare battery	

## Digital calipers with hold function

Digital calipers with a function to hold the display value at any position.

- Measuring range: 0-300 mm.
   Resolution: 0.01 mm.
   mm/inch conversion.

- On/off switch.
- Reset.
  Hold function
- Large LCD display.
- Thumb wheel/locking screw/flat depth rod. Power supply: I battery type V357.



Item No. Measuring Jaw length range/mm 0-150 0-200 0-300 907.545 60 Option: 836.535 Spare battery

# Digital calipers with min/max function

By keeping the mode button pressed you can hold the minimum and maximum measuring values.

- Measuring range: 0-300 mm.
   Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch. Reset.
- Min/max function.
   Large LCD display.
   Thumb wheel/locking screw/flat depth rod.





	Item No.	Measuring range/mm	Jaw length mm
Ī	907.549	0-150	40
	907.550	0-200	50
	907.551	0-300	60
	Option: 836.535	Spare battery	

#### Digital calipers 0.005 mm

Calipers with a higher resolution and a measuring range up to 300 mm.

- Measuring range: 0-300 mm.
- Resolution: 0.005 mm.
- mm/inch conversion. ABS/INC switchable
- On/off switch.
- Automatic switch-off.
- Reset.
- Thumb wheel/locking screw/flat depth rod.
- Power supply: 1 battery type CR2032.



#### Digital solar calipers

The solar power supply functions already with a low illumination level.

- Measuring range: 0-300 mm.Resolution: 0.01 mm.
- mm/inch conversion.
- Automatic switch-off.Reset.

Option: 495.157 Spare battery

- Thumb wheel/locking screw/flat depth rod.
- Back-up power supply (prevents shut-down in dark places): 1 battery type V389.

Large LCD display.Thumb wheel/locking screw/flat depth rod.

Delivery with an inspection report.

■ Power supply: 1 battery type CR2025.

906,412

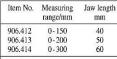


# Digital calipers with tolerance function

Digital calipers with function to set tolerance limits with Go/NoGo reading.

- Measuring range: 0-300 mm.
   Resolution: 0.01 mm.
- mm/inch conversion. ■ With data output.
- Tolerance function
- On/off switch. ■ Automatic switch-off.
- Reset.

Item No.	Measuring range/mm	Jaw length mm
906.412	0-150	40
906.413	0-200	50
906.414	0-300	60



495.214 Spare battery 909.446 USB interface 909.687 Foot switch

■ Measuring range: 0-300 mm.

Resolution: 0.01 mm.

mm/inch conversion.

■ On/off switch. Automatic switch-off.

Digital calipers with rotatable LCD display ■ Rotatable display.

■ DIN 862.

1234

- Rotatable display value.
   Thumb wheel/locking screw/flat depth rod.
   Power supply: 1 battery type CR2032.







Item No.	Measuring range/mm	Jaw length mm
910.072	0-150	40
910.073	0-200	50
910.074	0-300	60
Option:		
495.157	Spare battery	

#### Digital calipers with glass ruler

Equipped with a glass ruler. Very easy displacement by non-contact movement.

Schut

- Measuring range: 0-300 mm.
- Resolution: 0.01 mm.
- Resolution: 0.01 mm/inch conversion.
  ABS/INC switchable (only 909.443/444/445).
  With data output.
  On/off switch.

- Automatic switch-off. Reset.

  - Large LCD display.
    Thumb wheel/locking screw/flat depth rod.
    DIN 862.

  - Delivery with an inspection report.
    Power supply: 1 battery type CR2025.





#### 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).

Schul		50	909.440
Item No.	Measuring range/mm	Jaw length mm	
909.440	0-150	40	
909.441	0-200	50	
909.442	0-300	60	

#### Absolute calipers: 909.443 0-150 909.444 0-200 909.445 0 - 30060

# Options: 495.214 Spare battery 909.446 USB interface USB interface

#### Absolute digital calipers IP54

Calipers with an absolute measuring system for easy incremental and absolute conversion. The advantage of these calipers is the one-time setting of the absolute zero position until the battery has to be changed. This reduces the chance of measuring errors and enables you to use the calipers

without zero setting. These calipers have a protection degree of IP54 and are therefore protected against splash water and resistant to oil and dust. The models with function for setting tolerance limits are provided with a clear optical Go (NoGo) indication.

- Measuring range: 0-300 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- ABS/INC switchable.
- With data output.
- On/off switch.
- Automatic switch-off. ■ Reset

906.412



- Max. measuring speed: unlimited. ■ Locking screw/flat depth rod.
- Protection: IP54.
- DIN 862.
- Delivery with an inspection report.
  Power supply: 1 battery type CR2032.
- Models with tolerance display:

- Adjustable tolerance limits.
- Tolerance display by means of illuminated green LED at GO value.

Foot switch (optional).









Item No.	Measuring range/mm	Accuracy mm	Jaw length mm
906.838	0-150	0.02	40
906.839	0-200	0.03	50
906.840	0-300	0.03	60
Models w	ith tolerance	display:	
906.835	0-150	0.02	40
906.836	0-200	0.03	50
906.837	0-300	0.03	60
		20,0000000	Attende

Options: 495.157 Spare battery 906.618 USB interface

909.687 Footswitch for USB interface

910.038 Wireless USB receiver

906.619 Wireless transmitter

### Absolute digital calipers IP54

Calipers with an absolute measuring system. This gives you the advantage that the caliper stores the one-time setting of the absolute zero position until the battery has to be changed. This reduces the chance of measuring errors and enables you to use the caliper without zero setting.

- Measuring range: 0-300 mm.Resolution: 0.01 mm.
- mm/inch conversion.
   ABS/INC switchable.
- Digimatic data output.
- On/off switch.
- Reset.
- Max. measuring speed: any.Protection: IP54.
- DIN 862.
- Delivery in a case with an inspection report.
- Power supply: 1 battery type CR2032.











	Item No.	Measuring range/mm	Accuracy mm	Jaw length mm
İ	909.602	0-150	0.02	40
	909.603	0-200	0.02	50
	909.604	0-300	0.03	60
İ	Ontioner			

■ Automatic switch-off.

■ Flat depth rod (only 909.420).

909.689: 1 battery type V357.

■ Power supply: 909.420/688: 1 battery type CR2032,

Options.	
495.157	Spare battery
909.686	USB interface
909.687	Footswitch
910.038	Wireless USB receiver
910 039	Wireless sender

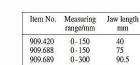
Reset.

# Digital carbon fiber calipers

Digital calipers made of carbon fiber.

- Measuring range: 0-300 mm.
- Resolution: 0.1 mm.
- mm/inch conversion.
- On/off switch.







909.689	0-300	90.5
Options	18	
495.157	Spare battery to	ype CR2032
836.535	Spare battery t	ype V357

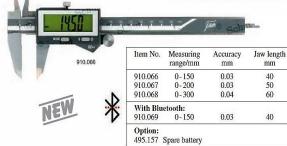
#### Digital calipers IP67

These IP67 protected calipers are especially suitable for use in production environments: they are fully protected against dust intrusion and even last temporary immersion.

- Measuring range: 0-300 mm.
- Resolution: 0.01 mm
- mm/inch conversion. Automatic switch-off.

- Thumb wheel and locking screw.
- Flat depth rod.
- Protection: IP67.■ DIN 862.

- Delivery with an inspection report.
  Power supply: 1 battery type CR2032.



#### Absolute digital calipers IP54

Calipers with an absolute measuring system for easy incremental and absolute conversion. This gives you the advantage that the caliper stores the one-time setting of the absolute zero position until the battery has to be changed. This reduces the chance of measuring errors and enables you to use the caliper without zero setting. These calipers have a protection degree of IP54 and are therefore protected against splash water and resistant to oil and dust.

- Measuring range: 0-300 mm.
- Resolution: 0.01 mm.
- mm/inch conversion. ■ ABS/INC switchable.
- On/off switch.

- Reset.
- Thumb wheel/locking screw/flat depth rod.
- Protection: IP54.
- DIN 862.
- Delivery with an inspection report.
- Power supply: 1 battery type CR2032.



### Digital calipers IP54

These calipers have a protection degree of IP54 and are therefore protected against splash water and resistant to oil and dust

- Measuring range: 0-300 mm.
- Resolution: 0.01 mm mm/inch conversion.
- On/off switch.

- Reset.
- Thumb wheel/locking screw/flat depth rod.
- Protection: IP54.
- Power supply: 1 battery type V357.



#### Digital calipers IP67

These IP67 protected calipers are especially suitable for use in production environments: they are fully protected against dust intrusion and even last temporary immersion.

- Measuring range: 0-300 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- Automatic switch-off.
- Reset.
- Locking screw. Flat depth rod.
- Protection: IP67.
- DIN 862.
- Power supply: 1 battery type CR2032.



Item No.	Measuring range/mm	Jaw length mm
908.801	0-150	40
908.802	0-200	50
908.803	0-300	60
<b>Option:</b> 495, 157	Spare battery	

#### **Digital calipers IP67**

These IP67 protected calipers are especially suitable for use in production environments: they are fully protected against dust intrusion and even lasts temporary immersion.

- Measuring range: 0-300 mm.
- Resolution: 0.01 mm. mm/inch conversion.
- Large, easy to read LCD display.
- Automatic switch-off.
- Thumb wheel and locking screw.
- Stable flat depth rod. Protected rack.
- Protection: IP67.
- DIN 862.
- Delivery with an inspection report.
  Power supply: 1 battery type V357.

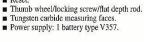


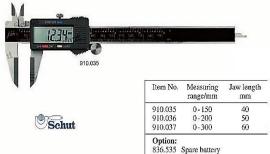


Measuring Jaw length range/mm mm 40 907.501 0-200 50 907.502 Option: 836.535 Spare battery

#### Digital calipers with tungsten carbide measuring faces

- Measuring range: 0-300 mm. Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch.■ Reset.





#### Digtal calipers with large measuring faces

Calipers with large rectangular measuring faces for the measurements of for example round shafts

- Measuring range: 0-300 mm.
- Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch.

- Large LCD display.
- Locking screw.
   Power supply: 1 battery type V357.



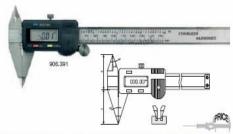
Item No.	Measuring range/mm	Measuring face width/mm	Measuring face height/mm
910.166	0-150	20	30
910.167	0-200	30	40
910.168	0-300	40	50

### Digital calipers with pointed measuring jaws

The pointed measuring jaws of these calipers enable you to measure distances in places that are hard to reach.

- Measuring range: 0-300 mm
- Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch. Reset.
- Power supply 1 battery type V357.

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Item No.	Measuring range/mm	Jaw length C/mm	Length B/mm	Angle	Angle $\phi$ 2	Price
906.391	0-150	40	37	20°	20°	
906.392	0-200	50	40	20°	22.5°	
906.393	0-300	60	42	20°	22.5°	

#### Digital calipers with outside angled measuring jaws

These calipers have short, stable, V-shaped measuring jaws with a flat front. Specially designed for measuring bore and internal groove diameters.

- Measuring range: 9 200 mm.
   Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch.
- Preset at 10 mm (delivery incl. setting ring).
- Preset through SET, + and switches.
   Thickness measuring face: 0.5 mm.





Item No.	Measuring	Le	ngth/	mm	Price
	range/mm	A	В	C	
907.556	9-150	1.5	3.5	27.5	
907.557	9-200	1.5	3.5	27.5	

#### Digital calipers with slidable measuring jaw

For measuring distances between planes at different levels. Very suitable as scribing tool!

- Measuring range: 0-500 mm.
   Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch.



Model with absolute digital display.

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#### Digital calipers for measuring center distances

Suited for measuring center distances between bores from ø1 up to 4.5 mm. Because both measuring jaws are adjustable in height it is possible to measure center distances between bores that are positioned at different levels.

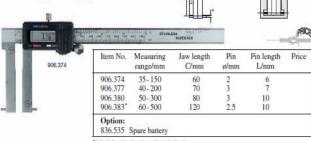


5-200 5-300 906.397 Option: 836.535 Spare battery 

### Digital calipers with outside angled measuring pins

These calipers are equipped with outside angled rounded pins

- Measuring range: 35-500 mm. Resolution: 0.01 mm.
- mm/inch conversion. On/off switch.
- Reset.
- Power supply: 1 battery type V357.

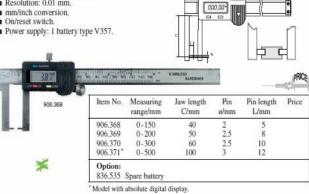


Model with absolute digital display.

# Digital calipers with inside angled measuring pins

These calipers are equipped with inside angled rounded pins.

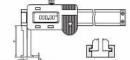
- Measuring range: 0-500 mm.
- Resolution: 0.01 mm.
- On/reset switch.
- Power supply: 1 battery type V357.

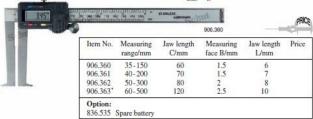


#### Digital calipers with outside angled measuring jaws

These calipers are equipped with outside angled V-shaped measuring jaws.

- Measuring range: 35-500 mm.
   Resolution: 0.01 mm.
- mm/inch conversion.On/off switch.
- Reset. ■ Power supply: 1 battery type V357.



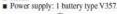


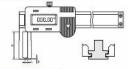
Model with absolute digital display.

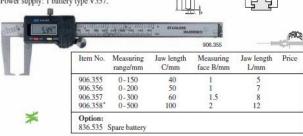
#### Digital calipers with inside angled measuring jaws

These calipers are equipped with inside angled V-shaped measuring jaws.

- Measuring range: 0-500 mm.
   Resolution: 0.01 mm.
- mm/inch conversion.
   On/off switch.
- Reset.







#### Model with absolute digital display.

# Digital calipers with pointed anvil

Because of the pointed anvil and the long measuring jaws you can measure with these calipers all sorts of wall thicknesses in places that are hard to reach and of for example round surfaces.



# Digital caliper with square, pointed anvil

Because of the pointed anvil and the long measuring jaws you can measure with this caliper all sorts of wall thicknesses in places that are hard to reach and of for example round surfaces.

- Measuring range: 0-150 mm.
   Resolution: 0.01 mm.
- mm/inch conversion
- H CH
- Digit height: 10 mm.
- On/off switch.
- Anvil: height 1 mm, width 0.5 mm.
  - Measuring face: height 6 mm, width 3 mm.

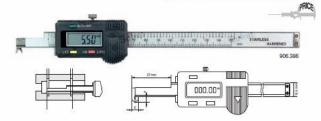
			76	_	PRIC
Item No.	Measuring range/mm	Ler A	- Total (1)	mm C	Price
907.555	0-150	95	10	3	
Option: 836,535	Spare battery				

#### Digital calipers for internal length measurement

Calipers with outside angled, pointed measuring jaws for the measurement of for example internal

- Measuring range: 0 200 mm.
- Resolution: 0.01 mm.
- Resolution. GoT Inin.
   Mm/inch conversion.
   On/reset switch.
   Power supply: 1 battery type V357.

nm Price



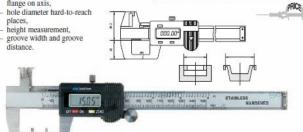
#### Digital caliper for groove measurements

- Measuring range: 0-150 mm.
   Resolution: 0.01 mm.
- mm/inch conversion.
   On/off switch.
- Reset.
- Also suitable for:
- internal diameter attached collar, internal diameter U-shaped flange on axis, center distances blind holes under-surface flange on axis,
- hole diameter hard-to-reach



- Equipped with small measuring jaws on top of the caliper. ■ Power supply: 1 battery type V357.

Measuring range/mm	Price
0-150	
-	

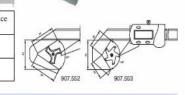


#### Digital calipers with prismatic anvil

Digital calipers with prismatic anvil for measuring objects with an uneven number of grooves like cutters, reamers and drills. The angle of the prism aperture is designed for workpieces having a number of 3 or 5 flutes.

- Measuring range: 1-40 mm
   Resolution: 0.01 mm.
- Accuracy: ±0.05 mm. mm/inch conversion.
- On/off switch.
- Reset through SET switch.
- Max. measuring speed: 1.5 m/s. ■ Including setting gauge ø4 mm
- (907.552) or ø 1 mm (907.553)
- Power supply: 1 battery type V357.
   Also analog models

For work- pieces with	Measuring range/mm	Pric
3 flutes	4-40	
5 flutes	1-40	
Spara battary		
	For work- pieces with 3 flutes	For work- pieces with Measuring range/mm 3 flutes 4-40 5 flutes 1-40

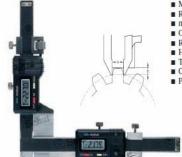


907,553

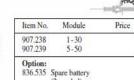
907.552

# Digital gear tooth thickness calipers

The vertical slider sets the height (H) from the top of the tooth to the pitch line. Subsequently, the horizontal slider measures the tooth thickness (G) at the pitch line.



- Measuring range: module 1-50.
   Resolution: 0.01 mm.
- mm/inch conversion.
- On/off switch. Reset.
- Hardened stainless steel construction.
- Tungsten carbide measuring faces.
   Conforms to factory standard.
- Power supply: 2 batteries type V357.



#### Digital calipers for internal measurements

Calipers with long measuring jaws for internal measurements.

- Caupers with long measuring ja

  Measuring range: 15 300 mm.

  Resolution: 0.01 mm.

  mm/inch conversion.

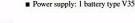
  ABS/INC switchable.

  On/off switch.

  Preset (only 906.825/827/829).

- Reset.
   Memory for measuring values when the display is switched off.
   Fine adjustment.
   Delivery with an inspection report.
   Power supply: 1 battery type V357.

STAINLESS HARDENED





Item No.	Measuring range/mm	Jaw length mm
906.824	15-150	60
906.825	25 - 150	150
906.826	18-200	75
906.827	25-200	150
906.828	20-300	90
906.829	25-300	150
Option:		
836.535	Spare battery	

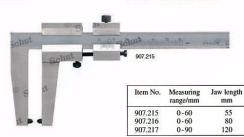
### Brake disc calipers

Brake disc calipers especially for measuring the groove depth of brake discs.

Schut

- Measuring range: 0-90 mm. Vernier: 0.1 mm.

- Locking screw.Stainless steel construction.



### Mitutoyo special-purpose calipers

Mitutoyo special-purpose analog (vernier) and digital (Absolute Digimatic Coolant Proof IP67) calipers. For more information please contact our sales department.



tem No.	Measuring range/mm	Read-out* mm	
	ner tungsten kness 0.75 m	carbide measuring	g
36.134	0-150	0.05 (V)	
36.135	0-200	0.05 (V)	
73.635	0 - 150	0.01 (D)	

With pointed measuring jaws:			
536.121	0-150	0.05 (V)	
573.622	0 - 150	0.01 (D)	

With thin pointed measuring jaws:				
573.626	0-150	0.01 (D)		
P				

measuring	jaws:	
536.221	0-150	0.05 (V)
536.222	0-200	0.05 (V)
536.223	0-300	0.05 (V)
573.676	0-150	0.01 (D)
573.677	0-200	0.01 (D)
573.679	0-300	0.01 (D)

With slida	With slidable measuring jaw:		
536.101	0-150	0.05 (V)	
536.102	0-200	0.05 (V)	
536.103	0-300	0.05 (V)	
573.611	0 - 150	0.01 (D)	
573.612	0-200	0.01 (D)	
573.614	0-300	0.01 (D)	

For center	r distances:	
536.105	10-150	0.05 (V)
536.106	10-200	0.05 (V)
536.107	10-300	0.05 (V)
573.615	10-160	0.01 (D)
573.616	10-210	0.01 (D)
573.618	10-310	0.01 (D)

V=vernier read-out, D=digital read-out.























