

Suppliers to industry

Helios

PREISSER®

With reliability and precision
valid from 01.06.2011

Take full advantage of this
promotion until 30.09.2011



we
are
ready

DIGI-MET® Pocket caliper 1220...



Helios



Promotion price
from 74.00 €

Specification

- Stainless steel
- Inductive measuring system, resistant to damp and sweat
- LCD display 7.5 mm
- Accuracy according to DIN 862
- Locking screw
- Inside cross points
- Measuring ranges 150 and 200 mm have 4 measuring functions
- Measuring range 300 mm has 3 measuring functions

Meas. range	Jaw length	Reading	Depth rod	Ref. No.	Price
mm	inch	mm	inch		€
Without data output:					
• 150	6	40	1.57	0.01	.0005
• 150	6	40	1.57	0.01	.0005
With DATA VARIABLE:					
• 150	6	40	1.57	0.01	.0005
• 150	6	40	1.57	0.01	.0005
• 200	8	40	1.57	0.01	.0005
• 300	12	60	2.34	0.01	.0005

Electronic functions

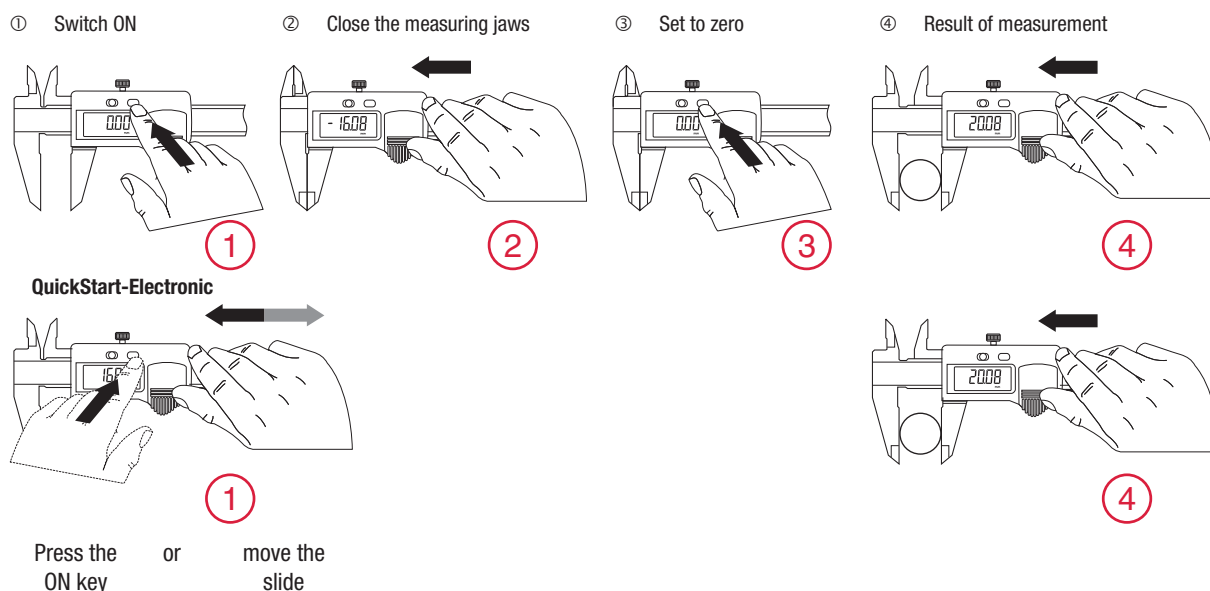
- QuickStart-Electronic
- QuickLock-Function
- Variable data output RS 232 + Digimatic + USB
- ON/OFF switch
- Zero setting at any position
- mm/inch conversion

QuickStart-Electronic with the QuickLock-Function for only one zero setting

All digital calipers with the QuickStart-Electronic also have the QuickLock-Function. Only set the zero position once, zero position remains stored for all further measurements. When the QuickLock-Function is activated a lock symbol appears in the display, this ensures that the zero position is protected against any operating error caused by accidental usage of the operating keys (keys are locked). The caliper is immediately ready for measurement; once the caliper is switched ON or the slide is moved, the display is automatically activated.

The need to reset to zero as with a conventional caliper once it is switched on is obsolete.

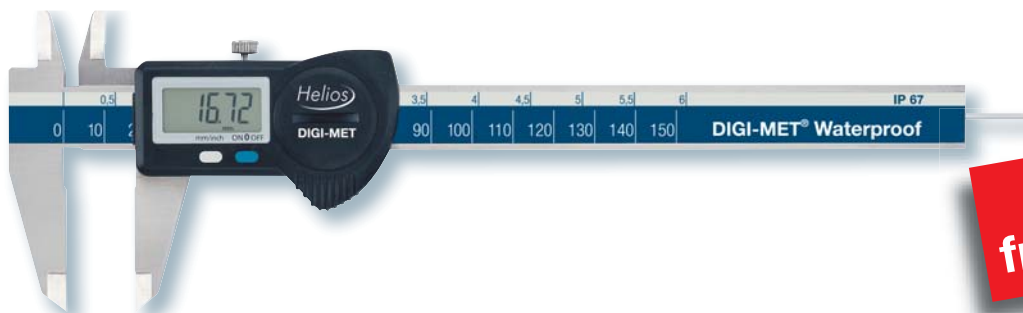
Conventional



DIGI-MET® Pocket caliper with protection class IP 67 1226...



Helios



Promotion price
from 108.00 €

Specification

- Protection class IP 67 according to EN 60529
- Measuring system is insensitive to cooling agents and dust
- Housing and operating keys have an excellent chemical resistance
- Stainless steel
- LCD display 7.5 mm
- Accuracy according to DIN 862
- Locking screw
- Inside cross points
- Measuring ranges 150 and 200 mm have 4 measuring functions
- Measuring range 300 mm has 3 measuring functions

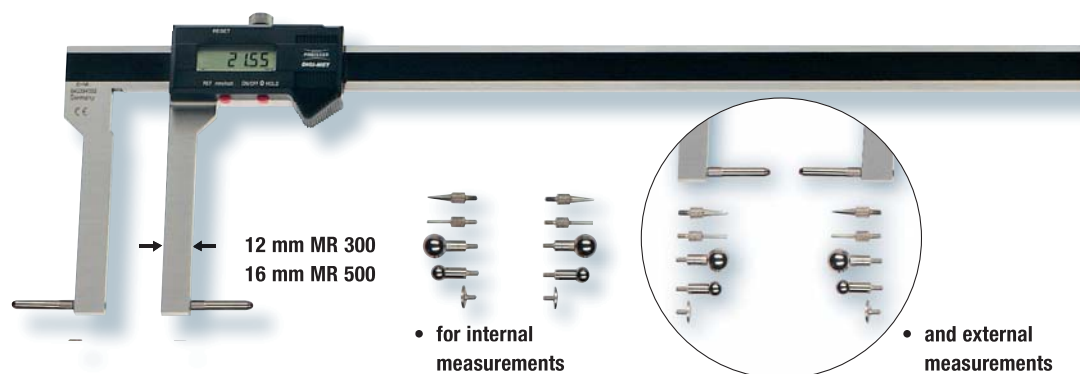
Meas. range	Jaw length	Reading	Depth rod	Ref. No.	Price
mm	inch	mm	inch		€
• • 150	6	40	1.57	0.01 .0005	round 0.41 1226 416 108.00
• • 200	8	40	1.57	0.01 .0005	flat 0.60 1226 418 159.00
• • 300	12	65	2.50	0.01 .0005	without 0.95 1226 422 209.00

Electronic functions

- ON/OFF switch
- QuickLock-Function zero position is locked
- Zero setting at any position
- mm/inch conversion

DIGI-MET® Workshop caliper 0226...

PREISSER®



Specification

- Stainless steel
- LCD display 6 mm
- Factory standard
- Locking screw
- Suitable for all gauge inserts with M 2.5 mm
- Supplied in: Wooden case

Meas. range	Jaw length	Reading	Ref. No.	Price
mm	inch	mm	inch	€
• 300	12	90	3.5	0.01 .0005 1.16 601111 0226 701 473.00
• 500	20	100	4.0	0.01 .0005 2.52 601111 0226 702 612.00

Includes free accessories

Electronic functions

- ON/OFF switch
- Zero point setting in any position
- mm/inch conversion
- Data output Opto RS 232
- Hold function (Measured value memory)
- PRESET function / setting a numerical value

Included in the delivery	Ref. No.
Pair of special steel measuring inserts: – disc dia. 10.0 mm	0710 163
Pair of special steel measuring inserts: – cylindrical dia. 1.5 mm	0710 165
Pair of special steel measuring inserts: – conical dia. 3.5 mm / 0.5 mm	0710 166
Pair of special steel measuring inserts: – with ball inserts	0710 167
Pair of special steel measuring inserts: – ball dia. 7.0 mm	0710 181
Pair of special steel measuring inserts: – ball dia. 10.0 mm	0710 187



Specification

- Stainless steel
- Inductive measuring system, resistant to damp and sweat
- LCD display for meas. range 300 mm is 8.5 mm, from meas. range 500 mm the display is 12.5 mm
- Accuracy according to DIN 862
- Locking screw
- Stepped jaws for inside measurements 10 mm for meas. range 300 mm; 20 mm for meas. ranges 500 mm + 800 mm + 1000 mm

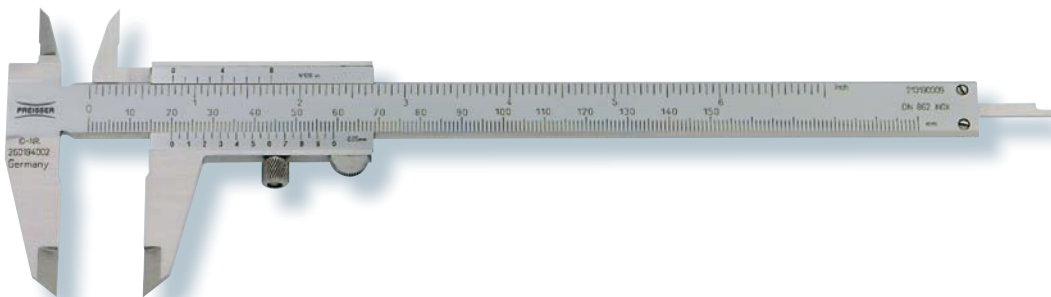
Electronic functions

- QuickStart-Electronic
- QuickLock-Function
- Variable data output RS 232 + Digimatic + USB
- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- PRESET function / setting a numerical value

⏏	Meas. range		Jaw length		Reading		kg	Ref. No.	Price
	mm	inch	mm	inch	mm	inch			€
Workshop caliper with knife points, with fine adjustment									
• •	300	12	90	3.5	0.01	.0005	1.22	1231 522	402.00
• •	500	20	125	5.0	0.01	.0005	2.55	1231 528	593.00
• •	800	32	150	6.0	0.01	.0005	4.70	1231 532	915.00
• •	1000	40	150	6.0	0.01	.0005	4.95	1231 534	1,052.00
Workshop caliper with knife points, without fine adjustment									
• •	300	12	90	3.5	0.01	.0005	1.22	1230 522	349.00
• •	500	20	125	5.0	0.01	.0005	2.55	1230 528	529.00
• •	800	32	150	6.0	0.01	.0005	4.70	1230 532	864.00
• •	1000	40	150	6.0	0.01	.0005	4.95	1230 534	1,047.00
Workshop caliper without knife points, with fine adjustment									
• •	300	12	90	3.5	0.01	.0005	1.25	1235 522	368.00
• •	500	20	125	5.0	0.01	.0005	2.70	1235 528	519.00
• •	800	32	150	6.0	0.01	.0005	4.50	1235 532	849.00
• •	1000	40	150	6.0	0.01	.0005	4.90	1235 534	975.00
Workshop caliper without knife points, without fine adjustment									
• •	300	12	90	3.5	0.01	.0005	1.13	1234 522	321.00
• •	500	20	125	5.0	0.01	.0005	2.55	1234 528	451.00
• •	800	32	150	6.0	0.01	.0005	4.30	1234 532	789.00
• •	1000	40	150	6.0	0.01	.0005	4.70	1234 534	933.00

Precision pocket vernier caliper 0203...

PREISSER



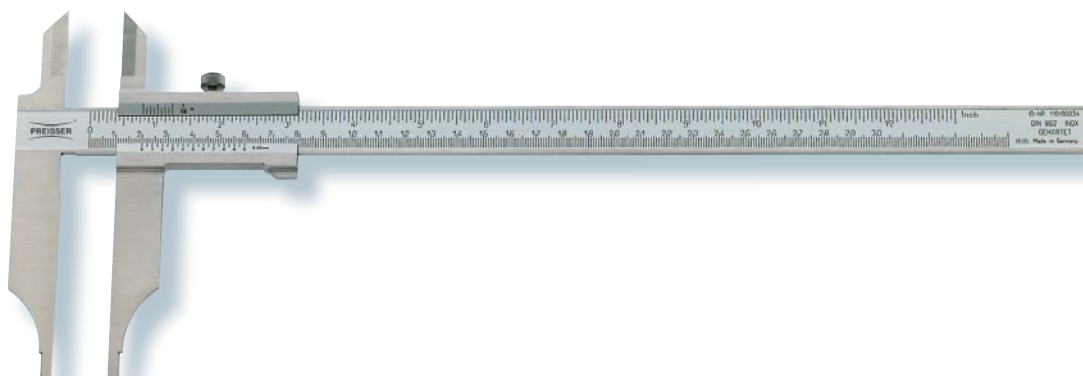
Specification

- Parallax-free reading
- Double V-guide
- Stainless steel
- Reading parts satin chromed
- DIN 862
- Low-set locking screw
- Inside crosspoints
- Four way measurement
- With thread table
- Depth gauge: rectangular
- Supplied in: Imitation leather case

◻ ▷◁	Meas. range		Jaw length		Reading		⚖	Ref. No.	Price
	mm	inch	mm	inch	mm	inch	kg		€
•	150	6	40	1.57	0.05	1/128	0.14	0203 501	43.90

Workshop caliper 0234...

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Specification

- DIN 862
- Locking screw
- Stepped jaws for inside measurements: 10 / 20* mm
- With knife points
- Without fine adjustment
- Low-set master scale
- High-precision laser graduation of vernier and scale
- Supplied in: Cardboard box, from 1000 mm measuring range individually packed

◻ ▷◁	Meas. range		Jaw length		Reading		⚖	Ref. No.	Price
	mm	inch	mm	inch	mm	inch	kg		€
Stainless steel, vernier + scale satin chromed:									
• •	300	12	90	3.5	0.05	1/128	0.50	0234 503	142.00
• •	400	16	125	5	0.05		1.05	0234 505*	330.00
• •	500	20	150	6	0.05		1.18	0234 508*	425.00
• •	800	32	150	6	0.05		2.10	0234 514*	548.00
• •	1000	40	150	6	0.05		2.40	0234 518*	657.00

DIGI-MET® Lightweight workshop caliper 0228...

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Specification

- Factory standard
- To reduce weight both the slide and beam are made from aluminum, with a hard anodized surface coating (1100 HV)
- Measuring faces are made of hardened stainless steel
- Double prisma guide ways for a more smooth and even movement
- LCD display 10.5 mm
- Locking screw
- Stepped jaws for inside measurement 20 mm
- With knife points
- Without fine adjustment
- Supplied in: Wooden case

Meas. range	Jaw length	Reading	Ref. No.	Price
mm inch	mm inch	mm inch		€
• 500 20	150 6.0	0.01 .0005	0228 702	597.00
• 800 32	150 6.0	0.01 .0005	0228 703	840.00
• 1000 40	150 6.0	0.01 .0005	0228 704	991.00

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Hold function (store measured values)

Lightweight workshop caliper 0238...

Helios



Specification

- Factory standard
- To reduce weight both the slide and beam are made from aluminum, with a hard anodized surface coating (1100 HV)
- Measuring faces are made of hardened stainless steel
- Double prisma guide ways for a more smooth and even movement
- Stepped jaws for inside measurement 20 mm
- Locking screw
- With knife points
- Without fine adjustment
- Supplied in: Wooden box

Meas. range	Jaw length	Reading	Ref. No.	Price
mm inch	mm inch	mm inch		€
• 500 20	150 6.0	0.02 0.02	0238 508	472.00
• 800 32	150 6.0	0.02 0.02	0238 514	631.00
• 1000 40	150 6.0	0.02 0.02	0238 518	739.00
1500 60	150 6.0	0.05 0.05	0238 524	1,918.00
2000 80	150 6.0	0.05 0.05	0238 526	2,233.00

Depth caliper for one handed operation 1278...



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NEW!



Specification

- Stainless steel
- Locking screw
- Factory standard
- Constant measuring force through spring pressure
- Interchangeable inserts, thread size M 2.5 mm
- Included in delivery: ball measuring inserts dia. 1/8" for depth measurement
- All measuring inserts with a M 2.5 mm thread size can be used
- Measuring inserts for **core hole bores** (for an additional charge) see table
- Supplied in: Wooden case

Electronic functions

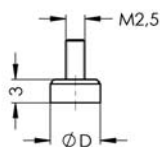
- QuickStart-Electronic
- QuickLock-Function
- Variable data output RS 232 + Digimatic + USB
- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- **PRESET** function / setting a numerical value

☐	☒	Meas. range		Reading		📏	Ref. No.	Price
		mm	inch	mm	inch	kg		€
•		0-60	2.4	0.001	.0005	0.7	1278 505	670.00
•		0-100	4	0.001	.0005	0.9	1278 508	720.00

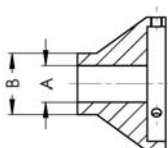
Measuring inserts for core hole bores

Thread size	Core dia. mm	Meas. insert dia. D mm	Ref. No.	Price €
M 16 x 1.5	14.38	14.32	1278 923	24.50
M 16 x 1	14.92	14.87	1278 924	24.50
M 12 x 1.25	10.65	10.59	1278 936	24.50
M 12 x 1	10.92	10.87	1278 938	24.50
M 10 x 1	8.92	8.87	1278 940	24.50
M 10 x 0.75	9.19	9.13	1278 942	24.50
M 8 x 1	6.92	6.87	1278 944	24.50
M 8 x 0.75	7.19	7.14	1278 946	24.50
M 6 x 0.75	5.19	5.14	1278 948	24.50
M 5 x 0.5	4.46	4.41	1278 950	24.50
M 16	13.84	13.79	1278 952	24.50
M 12	10.11	10.05	1278 954	24.50
M 10	8.38	8.32	1278 956	24.50
M 8	6.65	6.59	1278 958	24.50
M 6	4.92	4.87	1278 960	24.50
M 5	4.13	4.08	1278 962	24.50
16 pieces (set)			1278 930	359.00

Measuring inserts



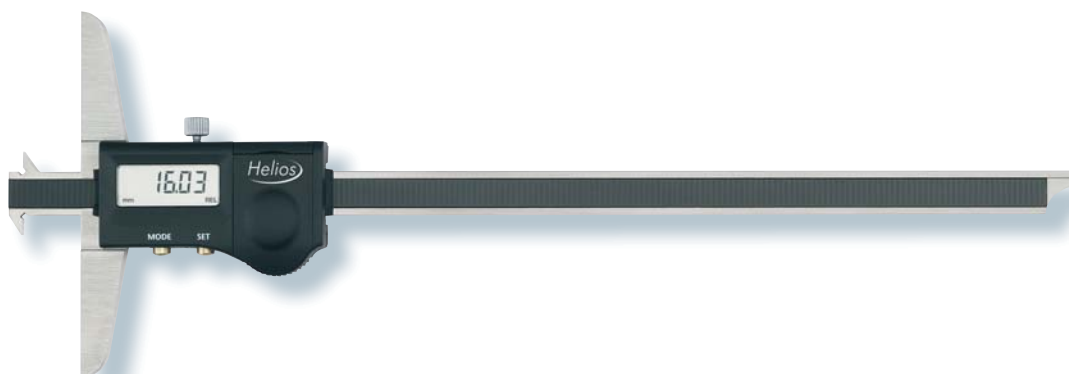
Reduction



Reductions

Type	Dimension A mm	Dimension B mm	Ref. No.	Price €
6/12	dia. 6	dia. 12	1278 912	99.00
9.5/16	dia. 9.5	dia. 16	1278 916	99.00
15/20	dia. 15	dia. 20	1278 920	99.00

DIGI-MET® Offset depth gauge 0278...



Specification

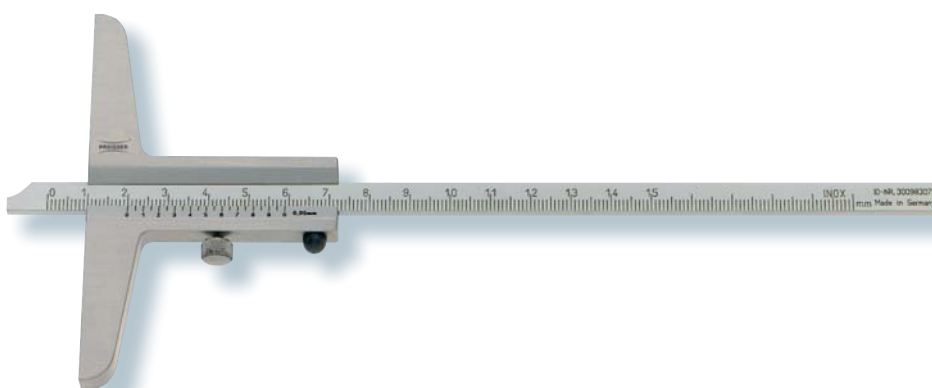
- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- Offset measuring rod
- Larger ranges on request
- Supplied in: Wooden case

Electronic functions

- ON/OFF switch
- Zero point setting in any position
- mm/inch selector
- Hold function (Measured value memory)

Meas. range	Base length	Reading		Ref. No.	Price
mm inch	mm inch	mm inch	kg		€
Protection class IP65, reversible beam:					
• 200 8	100 4	0.01 .0005	0.70	0278 720	409.00
• 300 12	150 6	0.01 .0005	1.00	0278 721	523.00

Vernier depth gauge 0282...



Specification

- DIN 862
- Locking screw
- Straight measuring rule
- High-precision laser graduation of vernier and scale
- Supplied in: Cardboard box



Meas. range	Base length	Reading		Ref. No.	Price
mm inch	mm inch	mm inch	kg		€
Stainless steel, vernier + scale satin chromed:					
• • 150 6	100 4	0.05	0.10	0282 501	68.00
• • 200 8	100 4	0.05	0.13	0282 502	71.00
• • 300 12	150 6	0.05	0.29	0282 505	85.00

Meas. range mm	Dimensions mm		
	A	B	C
150-200	8.0	3.0	3.5
250-500	12.0	4.0	4.0

DIGI-MET® Depth gauge with protection class IP 67 1271...



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Specification

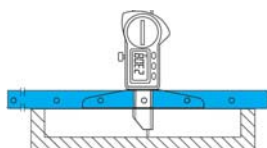
- **Protection class IP 67** according to EN 60529. Measuring system is insensitive to cooling agents and dust
- Housing and operating keys have an excellent chemical resistance
- Stainless steel
- LCD display 7.5 mm
- Locking screw
- Measuring pin dia. 1.5 mm

⚠	⚡	Meas. range		Base length		Reading		⚖	Ref. No.	Price
		mm	inch	mm	inch	mm	inch	kg		€
•	•	150	6	100	4	0.01	.0005	0.65	1271 416	338.00
•	•	300	12	150	6	0.01	.0005	1.00	1271 422	414.00
•	•	500	20	150	6	0.01	.0005	1.24	1271 428	477.00

Electronic functions

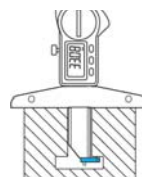
- ON/OFF switch
- **QuickLock-Function:** zero position is locked
- Zero setting at any position
- mm/inch conversion

Cross beam extensions



⚠	⚡	Cross beam length mm	⚖	Ref. No.	Price
			kg		€
•		200	0.25	1271 451	77.00
•		300	0.30	1271 452	89.10

Measuring insert for distance measurements

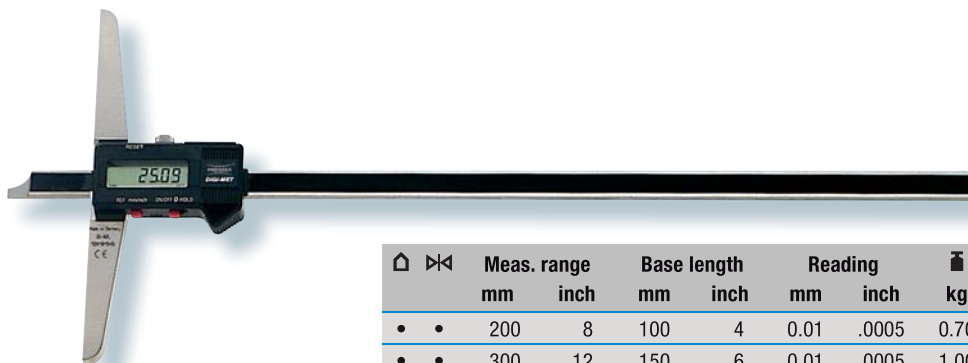


- To be attached to the measuring pin

⚠	⚡	⚖	Ref. No.	Price
		kg		€
•		0.01	1271 455	33.60

DIGI-MET® Depth gauge 0274...

PREISSER®



⚠	⚡	Meas. range		Base length		Reading		⚖	Ref. No.	Price
		mm	inch	mm	inch	mm	inch	kg		€
•	•	200	8	100	4	0.01	.0005	0.70	0274 700	300.00
•	•	300	12	150	6	0.01	.0005	1.00	0274 701	335.00

Specification

- Stainless steel
- LCD display 6 mm
- DIN 862
- Locking screw
- Straight measuring rule
- Supplied in: Wooden case

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output Opto RS 232
- Hold function (Measured value memory)

Dial gauge 0701...



Specification

- Measuring pin made of stainless steel
- Interchangeable probe tip M 2.5 mm
- Clamping shank dia. 8 mm h 6
- Individually packed

Dial gauge, DIN 878-A

	Meas. range mm	Reading mm	One revolution mm	Outer ring dia. mm	kg	Ref. No.	Price €
Metal housing:							
•	10	0.01	1	58	0.19	0701 110	34.60

Dial gauge (shock proof), DIN 878-A

	Meas. range mm	Reading mm	One revolution mm	Outer ring dia. mm	kg	Ref. No.	Price €
Metal housing:							
•	10	0.01	1	58	0.19	0701 111	39.90

Dial test indicator 0715...



Specification

- Measuring inserts carbide tipped dia. 2.0 mm
- Type A according to DIN 2270
- Revolving dial
- 3-piece swallow tail guide
- Automatic reversal of counting direction
- Supplied in: Plastic case, incl. clamping shank 8 mm and key for measuring inserts

	Meas. range mm	Reading mm	Outer ring mm	Dial	kg	Ref. No.	Price €
Length of the measuring insert 14.5 mm							
•	0.8	0.01	30	0-40-0	0.15	0715 101	69.00
•	0.2	0.002	40.5	0-100-0	0.15	0715 303	98.00

Inspection square 0368...

PREISSER®



Specification

- With base
- DIN 875
- Accuracy: GG 0
- Supplied in: Cardboard box

☐	⚡	Beam length mm	Cross section mm	Weight kg	Ref. No.	Price €
Special steel:						
•	•	100x70	20x5	0.15	601111 0368 103	16.20
•	•	200x130	32x7	0.70	601111 0368 105	31.50
Stainless steel:						
•	•	100x70	20x5	0.15	601111 0368 203	22.50
•	•	200x130	32x7	0.70	601111 0368 205	55.00

Workshop square 0370...

PREISSER®



Specification

- With base
- DIN 875
- Accuracy: GG 1
- Supplied in: Cardboard box

☐	⚡	Beam length mm	Cross section mm	Weight kg	Ref. No.	Price €
Special steel:						
•	•	100x70	20x5	0.15	601111 0370 103	9.90
•	•	200x130	32x7	0.70	601111 0370 105	16.40
Stainless steel:						
•	•	100x70	20x5	0.15	601111 0370 203	14.90
•	•	200x130	32x7	0.70	601111 0370 205	27.10

Workshop square 0372...

PREISSER®



Specification

- With base
- Special steel
- DIN 875
- Accuracy: GG 2
- Supplied in: Cardboard box

☐	⚡	Beam length mm	Cross section mm	Weight kg	Ref. No.	Price €
•	•	100x70	20x5	0.15	601111 0372 103	7.20
•	•	200x130	28x7	0.65	601111 0372 105	12.20

Squares are produced in Germany
Includes a free calibration certificate,
traceable to national standards

Inspection square 0369...

PREISSER®



Specification

- Flat type
- DIN 875
- Accuracy: GG 0
- Supplied in: Cardboard box

☐	⚡	Beam length mm	Cross section mm	Weight kg	Ref. No.	Price €
Special steel:						
•	•	100x70	20x5	0.10	601111 0369 103	10.30
•	•	200x130	32x7	0.50	601111 0369 105	20.80
Stainless steel:						
•	•	100x70	20x5	0.10	601111 0369 203	16.60
•	•	200x130	32x7	0.50	601111 0369 205	33.40

Workshop square 0371...

PREISSER®



Specification

- Flat type
- DIN 875
- Accuracy: GG 1
- Supplied in: Cardboard box

☐	⚡	Beam length mm	Cross section mm	Weight kg	Ref. No.	Price €
Special steel:						
•	•	100x70	20x5	0.10	601111 0371 103	7.00
•	•	200x130	32x7	0.50	601111 0371 105	11.60
Stainless steel:						
•	•	100x70	20x5	0.10	601111 0371 203	9.90
•	•	200x130	32x7	0.50	601111 0371 205	19.30

HELIO-Height Digital height measuring instrument 1284...

Helios

Promotion price
from 3,050.00 €

□	✕	Meas. range		Application range	Perpendicularity error (mech.)	Total height	⚖	Ref. No.	Price
		mm	inch	mm	μm	mm	kg		€
•	•	350	14	540	frontal 15	741	25.00	1284 723	3,050.00
•	•	600	24	770	frontal 20	985	30.00	1284 730	3,450.00

	Ref. No.	Price
Cable for USB incl. USB Com Standard, (2 m)	1289 986	59.00
Cable for RS232C (2 m), SUB-D jack 9 pin	1289 988	41.60



Measuring system

- Excellent accuracy and reliability due to the optical incremental measurement system with the double reader head
- Dynamic probing system enabling high repeatability
- Air bearings system for light and smooth movement
- Precise measuring head on stainless steel guideways
- Motorized measuring carriage simplifies measurement runs
- Temperature compensation with an integrated temperature sensor
- Probe constant remains after the instrument is switched off
- Integrated rechargeable battery with a long operating time for mains independent measurement
- Resolution 0.01/0.001 mm
- Measuring error (2.8+L/300 μm), L in mm
- Repeatability 2 (plane), 3 (bore) μm
- Operating time of rechargeable battery, up to 14 hrs
- Measuring force 1.0 ± 0.2 N
- Permissible relative air humidity 65% (non condensed)
- Working temperature 20 ± 1 °C
- Operating temperature 10 ... 40 °C
- 3-point air cushion, height ca. 9 μm
- Measuring system, incremental scale with optical reading

Operating and display unit

- Easy to read background lit graphic LCD display
- Large and clearly defined function keys
- Operator guidance with self-explanatory icons / pictograms
- Possible to set additional zero points on a work piece
- Memory can store up to 99 measured values
- Data output:
 - USB
 - OPTO RS232C

Supplied with:

- Height measuring instrument incl. operating and display unit,
- Carrier 1289 946,
- Spherical probe, dia. 6 mm 1289 904,
- Setting block 1289 938,
- Operating instructions,
- Mains power adapter
- Delivery ex works

- We reserve the right to revise prices and alter designs as necessary, without notice
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