Mahr

Mahr | A passion for detail

Edition
2025

Spring Sale

Mobile roughness measurement with the MarSurf PS 10

- Intuitive and easy to use like a smartphone
- Create finished PDF reports directly in the measuring device and data backup as TXT, X3P, CSV and PDF file
- Work without errors thanks to integrated, removable roughness standard

Including new surface standard **DIN EN ISO 21920**

Special offer prices
April 8 to May 31, 2025

Spring Sale

Comprehensive product range
with Integrated Wireless

Mahr offers a comprehensive range of measuring instruments with integrated wireless data transmission for use in all areas of industrial manufacturing and quality control. The Integrated Wireless range from Mahr delivers accurate measuring results with full mobility. Modern, simple measuring solutions – without the limitations of wired technology.

4
Product groups

85
Products

MarCal 16 EWRi
Digital calipers

MarCator 1086 Ri
Digital indicators

Micromar 40 EWRi
Digital outside micrometers

MarCator 1086 Ri with stand
Digital indicators

MarCator 1086 Ri with 3-point pistol
Digital indicator

Millimess 2001 Wi
Digital comparator

MarCator 1087 Ri with SM 60
Digital indicator

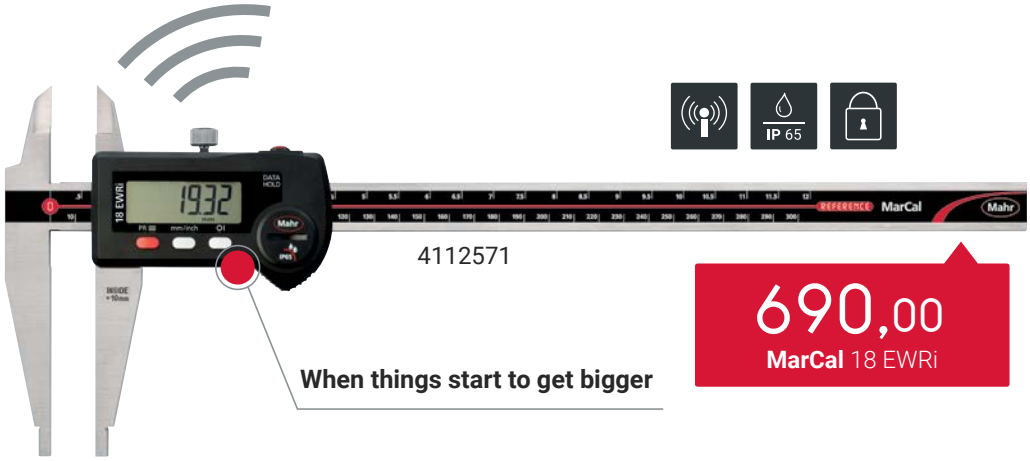
Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

MarCal 16 EWRi / 30 EWRi

Digital calipers with wireless interface

4103400

199,50
MarCal 16 EWRi



4112571

690,00
MarCal 18 EWRi

When things start to get bigger

306,00
MarCal 30 EWRi

4126751

Compact and handy

always within reach

4126671

408,00
MarCal 30 EWRi

Order no.	Product	Measuring range	Resolution	Depth rod	Details	List price	Offer price
		mm	mm			EUR	EUR
4103400	16 EWRi	0 – 150	0,01	round	With measuring blades	~~271,00~~	199,50
4103402	16 EWRi	0 – 150	0,01	square	With measuring blades	~~271,00~~	199,50
9105795	16 EWRi	0 – 150	0,01	round	Starter pack incl. i-Stick	~~392,00~~	273,00
9105796	16 EWRi	0 – 150	0,01	square	Starter pack incl. i-Stick	~~392,00~~	273,00
4112571	18 EWRi	0 – 300	0,01		With measuring blades	~~861,00~~	690,00
4112572	18 EWRi	0 – 500	0,01		With measuring blades	~~1.120,00~~	896,00
4126671	30 EWRi	0 – 150	0,01		With measuring pin Ø 1,5 mm	~~510,00~~	408,00
4126672	30 EWRi	0 – 200	0,01		With measuring pin Ø 1,5 mm	~~576,00~~	461,00
4126673	30 EWRi	0 – 300	0,01		With measuring pin Ø 1,5 mm	~~663,00~~	530,00
4126751	30 EWRi	0 – 25	0,01		With measuring pin Ø 2 mm	~~383,00~~	306,00

Accessories for measuring instruments with Integrated Wireless				
4102220	i-Stick	Wireless receiver for measuring instruments with integrated wireless	~~121,00~~	96,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

Micromar 40 EWRi

Micrometers according to your wishes

269,00
Micromar 40 EWRi

4157100

349,00
Micromar 40 EWRi-L

4157120

IP 65

1.015,00
Micromar 40 EWRi-V SET

4157150

Order no.	Product	Measuring range	Resolution	Details	List price	Offer price
		mm	mm		EUR	EUR
4157100	40 EWRi	0 – 25	0,001	Standard version	~~351,00~~	269,00
4157101	40 EWRi	25 – 50	0,001	Standard version	~~415,00~~	332,00
4157115	40 EWRi	0 – 100	0,001	Standard version. set with 4 micrometers	~~1.860,00~~	1.488,00
4157120	40 EWRi-L	0 – 25	0,001	QUICK DRIVE, 5 mm per rotation	~~438,00~~	349,00
4157121	40 EWRi-L	25 – 50	0,001	QUICK DRIVE, 5 mm per rotation	~~499,00~~	399,00
4157150	40 EWRi-V		0,001	Universal micrometer (QUICK DRIVE) incl. measuring anvils	~~1.275,00~~	1.015,00

Accessories for measuring instruments with Integrated Wireless				
4102220	i-Stick	Wireless receiver for measuring instruments with integrated wireless	~~121,00~~	96,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

MarCator 1086 Ri / 1087 Ri

Practically suited to your measuring tasks

Digimatic RS232C

487,00
MarCator 1087 Ri

4337663

Digimatic RS232C

418,00
MarCator 1086 Ri

4337624

Millimess 2000 Wi / 2001 Wi

IP 64

636,00
Millimess 2000 Wi

4346701

IP 64

713,00
Millimess 2001 Wi

4346801

Order no.	Product	Measuring range	Resolution	Details	List price	Offer price
		mm	mm		EUR	EUR
4337624	1086 Ri	12,5	0,0005	Practical functions for static measurement tasks	~~522,00~~	418,00
4337625	1086 Ri	25	0,0005	Practical functions for static measurement tasks	~~588,00~~	470,00
4337663	1087 Ri	12,5	0,0005	Practical functions for static and dynamic measurement tasks	~~609,00~~	487,00
4337665	1087 Ri	25	0,0005	Practical functions for static and dynamic measurement tasks	~~690,00~~	552,00
4346701	2000 Wi	± 1	0,0001	Highest sensitivity and accuracy, for static measuring tasks	~~795,00~~	636,00
4346801	2001 Wi	± 1	0,0001	Highest sensitivity and accuracy, for static and dynamic measuring tasks	~~894,00~~	713,00

Accessories for measuring instruments with Integrated Wireless				
4102220	i-Stick	Wireless receiver for measuring instruments with integrated wireless	~~121,00~~	96,00

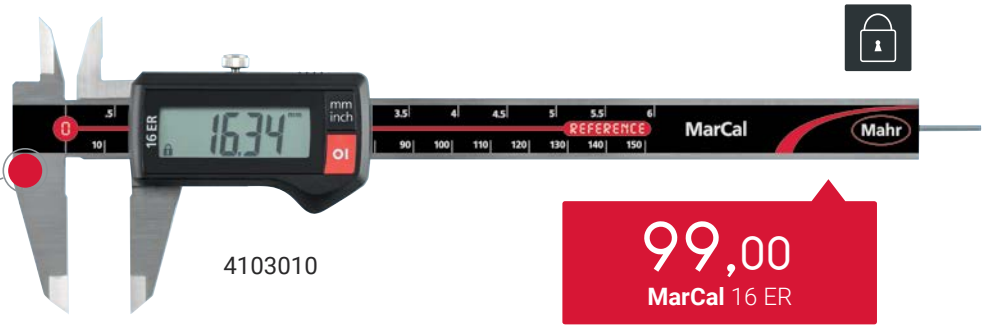
Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

MarCal 16 ER / 16 EWR

Digital calipers without data output

Best price – Best quality!



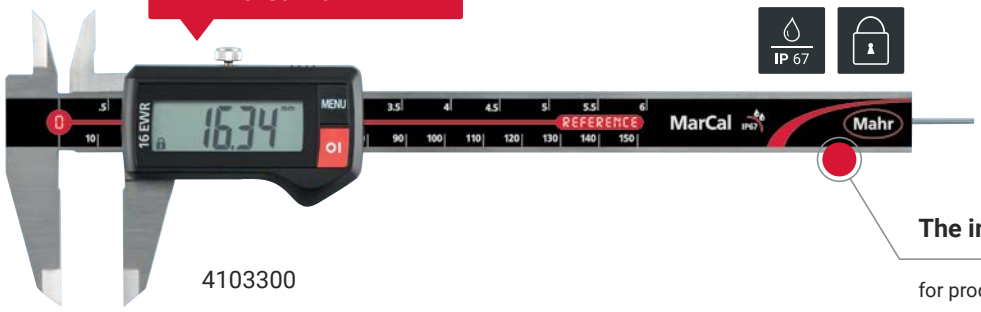
The standard

in the workshop

4103010

99,00
MarCal 16 ER

146,00
MarCal 16 EWR



4103300

The insenstive caliper

for production and workshop

Order no.	Product	Measuring range	Resolution	Depth rod	Details	List price	Offer price
		mm	mm			EUR	EUR
4103010	16 ER	0 – 150	0,01	round	Lapped guideway	~~133,00~~	99,00
4103012	16 ER	0 – 150	0,01	square	Lapped guideway	~~133,00~~	99,00
4103205	16 ER	0 – 200	0,01	square	Lapped guideway	~~219,00~~	169,00
4103300	16 EWR	0 – 150	0,01	round	Protection class IP 67	~~197,50~~	146,00
4103302	16 EWR	0 – 150	0,01	square	Protection class IP 67	~~197,50~~	146,00
4103304	16 EWR	0 – 200	0,01	square	Protection class IP 67	~~288,00~~	219,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

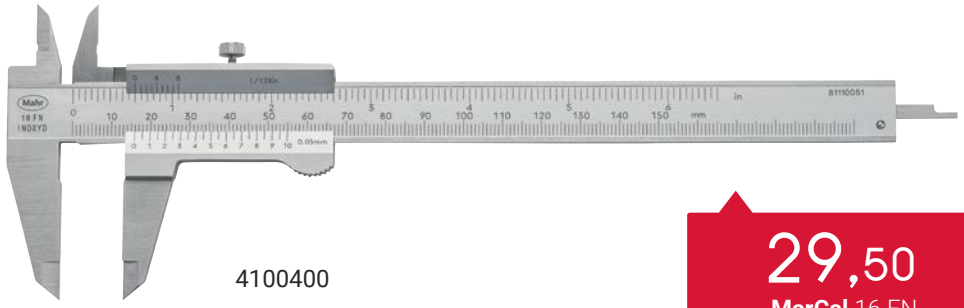
MarCal 30 EWR
Digital depth gages

4126651

356,00
MarCal 30 EWR

Order no.	Product	Measuring range	Resolution	Details	List price	Offer price
		mm	mm		EUR	EUR
4126651	30 EWR	0 – 150	0,01	Protection class IP67	~~445,00~~	356,00
4126652	30 EWR	0 – 200	0,01	Protection class IP67	~~519,00~~	409,00
4126653	30 EWR	0 – 300	0,01	Protection class IP67	~~588,00~~	470,00

MarCal 16 FN
Pocket calipers



4100400

29,50
MarCal 16 FN

Order no.	Product	Measuring range	Vernier value	Depth rod	List price	Offer price
		mm	mm/inch		EUR	EUR
4100400	16 FN	0 – 150	0,05/1/128"	square	~~37,00~~	29,50
4100401	16 FN	0 – 200	0,05/1/128"	square	~~100,50~~	79,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

Micromar 40 ER / 40 EWR

The insensitive ones for production and workshop

158,00
Micromar 40 ER

4157010

IP 65 | Digimatic

341,00
Micromar 40 EWR-L

4157020

IP 65 | Digimatic

989,00
Micromar 40 EWR-V

4157050

Order no.	Product	Measuring range	Resolution	Details	List price	Offer price
		mm	mm		EUR	EUR
4157010	40 ER	0 – 25	0,001	Protection class IP40	~~197,50~~	158,00
4157011	40 EWR	0 – 25	0,001	Protection class IP65	~~248,50~~	199,00
4157012	40 EWR	25 – 50	0,001	Protection class IP65	~~344,00~~	275,00
4157020	40 EWR-L	0 – 25	0,001	IP65, data output, QUICK DRIVE, 5 mm per rotation	~~426,00~~	341,00
4157021	40 EWR-L	25 – 50	0,001	IP65, data output, QUICK DRIVE, 5 mm per rotation	~~486,00~~	389,00
4157050	40 EWR-V	0 – 25	0,001	IP65, data output, universal micrometer QUICK DRIVE in a set	~~1.240,00~~	989,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Micromar 40 A / 40 SA / 40 AS

Basics for production and workshop

Outside micrometers with hard lacquered steel frame

4134000

53,50
Micromar 40 A

315,00
Micromar 40 SA/SET

4134050

3-point inside micrometers suited for blind bores (from 12mm)

1.828,00
Micromar 44 AS/SET

4190352

Order no.	Product	Measuring range	Resolution	Details	List price	Offer price
		mm	mm		EUR	EUR
4134000	40 A	0 – 25	0,01	Glare-free matt chrome-plated display parts	~~67,00~~	53,50
4134001	40 A	25 – 50	0,01	Glare-free matt chrome-plated display parts	~~105,00~~	84,00
4134050	40 SA/SET	0 –100	0,01	Set of 4 micrometers	~~394,00~~	315,00
4190350	44 AS/SET	6 – 12	0,001	incl. setting rings 8 mm, 10 mm	~~1.325,00~~	1.060,00
4190351	44 AS/SET	12 – 20	0,001	incl. setting ring 16 mm	~~1.010,00~~	808,00
4190352	44 AS/SET	20 – 50	0,005	incl. setting rings 25 mm, 40 mm	~~2.285,00~~	1.828,00
4190353	44 AS/SET	50 – 100	0,005	incl. setting rings 60 mm, 85 mm	~~2.720,00~~	2.176,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

MarTest 800 S / 800 SG / 800 SM

Highly sensitive measuring

84,00
MarTest 800 S

4305200

Ideal

for confined spaces

125,00
MarTest 800 SGM

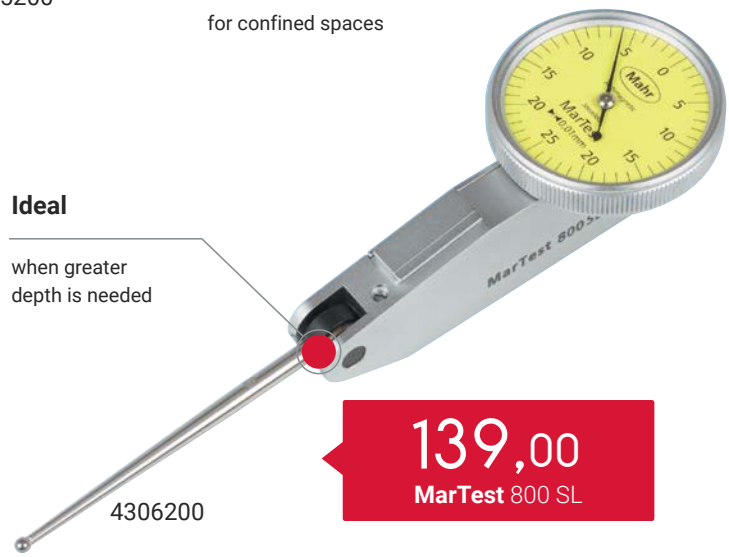
4308200

Ideal

when absolute precision
is vital

Ideal

when greater
depth is needed

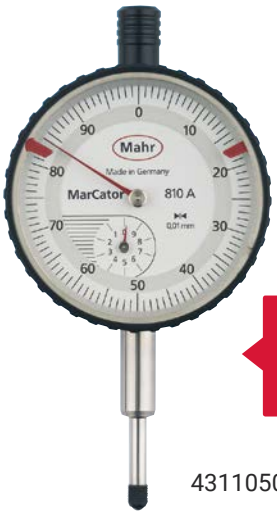


139,00
MarTest 800 SL

4306200

MarCator | Dial indicator

MarCator 810 A



41,00
MarCator 810 A

4311050

Order no.	Product	Measuring range	Resolution	Details	List price	Offer price
		mm	mm		EUR	EUR
4305200	800 S	± 0,4	0,01	Dial ø 28 mm, measuring insert length 14.5 mm	~~108,50~~	84,00
4307200	800 SG	± 0,4	0,01	Dial ø 38 mm, measuring insert length 14.5 mm	~~109,50~~	85,00
4308150	800 SM	± 0,1	0,002	Dial ø 28 mm, measuring insert length 14.5 mm	~~141,00~~	113,00
4308200	800 SGM	± 0,1	0,002	Dial ø 38 mm, measuring insert length 14.5 mm	~~156,00~~	125,00
4306200	800 SL	± 0,25	0,01	Dial ø 28 mm, measuring insert length 41.24 mm	~~174,50~~	139,00
4311050	810 A	10	0,01	High-contrast dial face	~~54,50~~	41,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

MarCator 1075 R / 1086 R / 1087 R / 1086 R-HR / 1087 R-HR

Highest precision with a large measuring range

4336010

Digimatic RS232C

148,00
MarCator 1075 R

4337620

Digimatic RS232C

330,00
MarCator 1086 R

4337660

Digimatic RS232C

416,00
MarCator 1087 R

4337697

HR Digimatic RS232C

506,00
MarCator 1086 R-HR

4337695

HR Digimatic RS232C

599,00
MarCator 1087 R-HR

Order no.	Product	Measuring range	Resolution	Details	List price	Offer price
		mm	mm		EUR	EUR
4336010	1075 R	12,5	0,01	Basic functions for static measuring tasks	~~184,50~~	148,00
4336020	1075 R	12,5	0,005	Basic functions for static measuring tasks	~~257,00~~	204,00
4336030	1075 R	12,5	0,001	Basic functions for static measuring tasks	~~383,00~~	304,00
4337130	1086 R	12,5	0,01	Practical functions for static measurement tasks	~~357,00~~	268,00
4337620	1086 R	12,5	0,0005	Practical functions for static measurement tasks	~~440,00~~	330,00
4337621	1086 R	25	0,0005	Practical functions for static measurement tasks	~~540,00~~	405,00
4337697	1086 R-HR	12,5	0,0001	High-resolution, practical functions for static measurement tasks	~~675,00~~	506,00
4337660	1087 R	12,5	0,0005	Practical functions for static and dynamic measurement tasks	~~555,00~~	416,00
4337661	1087 R	25	0,0005	Practical functions for static and dynamic measurement tasks	~~639,00~~	479,00
4337695	1087 R-HR	12,5	0,0001	High-resolution, practical functions for static and dynamic measurement tasks	~~801,00~~	599,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

Highest level of precision

Integrated Wireless
- Integrated Wireless interface
- Sending and receiving measuring data and various parameters

MarCom

Can be configured and controlled remotely using MarCom Professional Software

Bidirectional data interface via USB
- Sending and receiving measuring data and various parameters
- Permanent power supply via data cable
- Possible to retrieve the device ID

#ID

Digimatic

Data interface via Digimatic
- To send measuring data

Lock individual keys and functions
Remote-controlled settings can be conFigureed easily using MarCom Professional Software

TOL

Convenient tolerance functions
- Clear tolerance symbols
- Colorful LED signals (red, green, yellow) to classify the measuring values
  - No go/Go/warning limit
  - No go/Go/rework

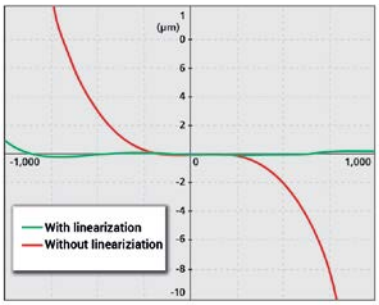
First digital comparator indicator with touch operation

Extensive advantages:
- Keys react even with the slightest touch
- This prevents a measuring device from being adjusted or deformed – **maximum measuring certainty**

Hardened glass front
- Scratch and impact-resistant surface
- Excellent protection against scratches and penetrating liquids
- Wear-free keys react to the slightest touch

High precision inductive measuring system

Lowest measuring deviations thanks to linearization



High-precision ball-bearing guide

Maximum sensitivity of the measuring system, long service life, and high loading capacity

IP 64

Protection rating IP 64

Excellent protection against dust and splash water from all directions ensures optimum workshop compatibility at all times

ABS system

Absolute measuring system
The reference to the electric zero point is not lost when the device is switched off

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Millimess 1002 / 1003 / 1010 / 2000 W / 2001 W

Everything reliably under control

Spring Sale

149,00
Millimess 1010

4332000

199,00
Millimess 1003

4334000

598,00
Millimess 2000 W

4346700

676,00
Millimess 2001 W

4346800

Order no.	Product	Measuring range		Display resolution		Details	List price	Offer price
		mm	µm	mm	µm		EUR	EUR
4335000	1002		± 25		0,5	Precision ball bearing of measuring spindle	~~449,00~~	359,00
4334000	1003		± 50		1	Precision ball bearing of measuring spindle	~~251,00~~	199,00
4334001	1003 XL		± 130		2	Precision ball bearing of measuring spindle	~~251,00~~	199,00
4332000	1010		± 250		10	Precision ball bearing of measuring spindle	~~187,00~~	149,00
4346700	2000 W	± 1		umschaltbar 0,0001 ... 0,01 mm/ .000005" ... .0005"		Inductive measuring system, practical functions for static measuring tasks	~~747,00~~	598,00
4346800	2001 W	± 1		umschaltbar 0,0001 ... 0,01 mm/ .000005" ... .0005"		Inductive measuring system, practical functions for static and dynamic measuring tasks	~~846,00~~	676,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

Millimar C 1202

Flexible evaluation and display anywhere

The Millimar C 1202 compact instrument is versatile and suitable for use with a variety of sensors.

The Millimar C 1202 represents the next generation of multichannel compact instruments for length metrology. Due to its sophisticated features such as the tilting easy-to-read display, clear menu navigation and flexible representation of measuring values, it offers maximum ergonomics and user-friendliness. Combine with an easy to change module from the N 1700 series to create just the right measuring instrument for your measuring task. Thanks to its wide range of functions, the Millimar C 1202 is extremely versatile. It can be used to tackle a multitude of measuring tasks, e.g. static and dynamic measurements as well as cone calculations. Moreover, depending on the module, measuring probes by other manufacturers may also be compatible, which will reduce your costs.

Tilting display

Measuring values can be read clearly and effortlessly from all viewing angles. The display also features a backlight.

Sturdy plastic housing

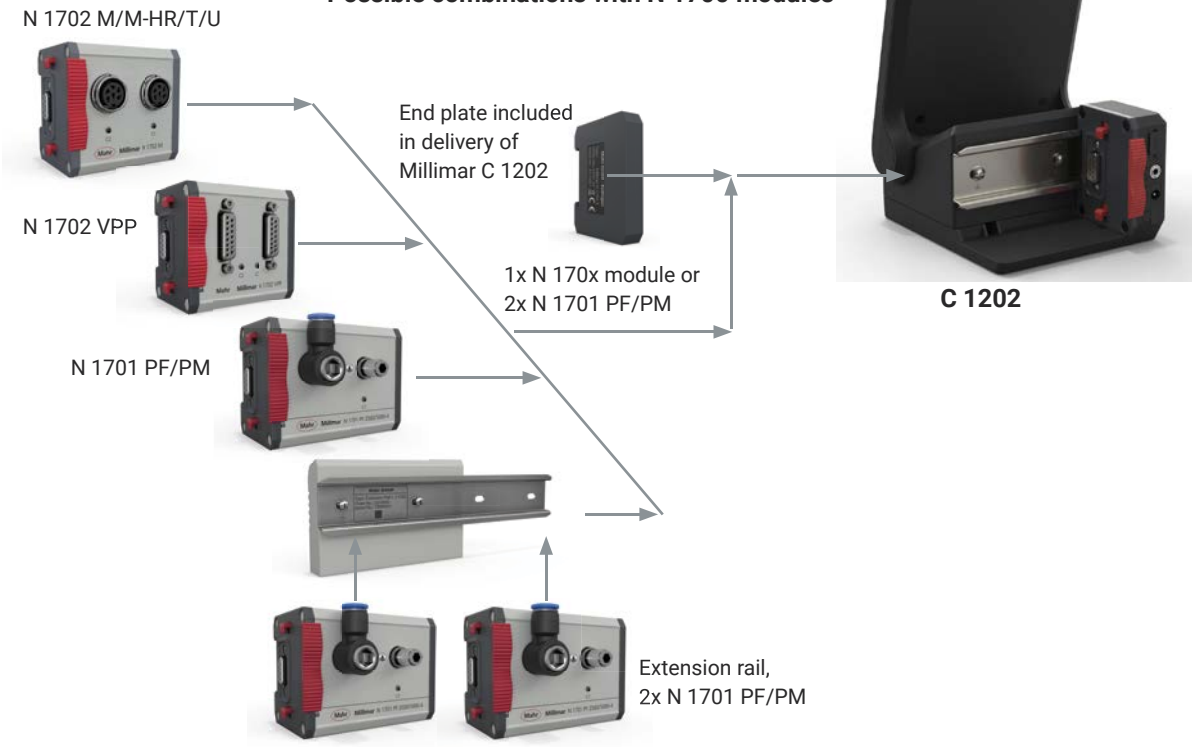
As the Millimar C 1202 is impervious to external influences, it is ideal for use in production.

Interchangeable modules

The Millimar C 1202 can be easily converted to handle different measuring tasks.

Configuring C 1202

Possible combinations with N 1700 modules



C 1202

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

9

Different N 1700 modules
can be combined with Millimar C 1202

Interpret measuring results with ease

The high contrast color display provides a clear presentation of the measuring results.

Large keys

The Millimar C 1202 can also be reliably operated with gloves. Even dirt does not impede its function.

Flexible setup options

Users can position the instrument on the table or fix it to the wall.

+

Advantages

- Three features can be displayed at the same time – for even more static and dynamic measuring tasks
- Two independent inputs via N 1700 module for the optional connection of measuring probes and pneumatic transducers
- Interchangeable modules for flexibility and compatibility
- Digimatic and USB ports for easy connection to data collection systems and evaluation software
- Programmable measuring sequences for greater productivity and reliability

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

Millimar C 1200 / 1318 / P 2004
Smart and universal application

968,00
Millimar C 1200 M

5312012

275,00
Millimar P 2004 M

5323010

Kompatibilität:
M = Mahr

275,00
Millimar P 2004 T

5323011

Order no.	Product	Numerical display	Resolution	Details	List price	Offer price
		µm	µm		EUR	EUR
5312012	Millimar C 1200 M	± 5000	0,1	High-resolution, high-contrast TFT color display	~~1.210,00~~	968,00

Order no.	Product	Measuring range	Measuring force	Details	List price	Offer price
		mm	N		EUR	EUR
5323010	P 2004 M	± 2	0,75	Inductive probe	~~342,00~~	275,00
5323011	P 2004 T	± 2	0,75	Inductive probe	~~342,00~~	275,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Millimar C 1202 / N 1702 / P 2004 / P 1512 / P 1530

Flexible evaluation and display anywhere

Spring Sale

5312025

832,00
Millimar C 1202

713,00
Millimar P 1512 V

5315081

365,00
Millimar N 1702 M

5331120

5331161

778,00
Millimar N 1702 M-HR

5331125

342,00
Millimar N 1702 VPP

Order no.	Product	Numerical display	Resolution	Details	List price	Offer price
		µm	µm		EUR	EUR
5312025	Millimar C 1202	± 999 999,9	0,01, 0,1, 1	High-resolution, high-contrast TFT color display	~~1.040,00~~	832,00

Order no.	Product	Measuring range	Measuring force	Details	List price	Offer price
		mm	N		EUR	EUR
5331120	Millimar N 1702 M	± 2		Module for 2 inductive probes, Resolution 0.1 µm	~~456,00~~	365,00
5331125	Millimar N 1702 M-HR	± 0,2		Module for 2 inductive probes, Resolution 0.1 µm	~~972,00~~	778,00
5331161	Millimar N 1702 VPP			Module for incremental sensors	~~428,00~~	342,00
5315081	P 1512 V	12	0,6 – 1,2	Incremental probe	~~840,00~~	713,00
5315311	P 1530 V	30	0,4 – 1	Incremental probe	~~1.165,00~~	990,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

Digimar 817 CLT

Reaching great heights with maximum precision and flexibility

4429600

6.479,00
Digimar 817 CLT

Best connection for secure data

Data can be transferred wirelessly or via USB cable via the MarConnect interface. Quickly print out a series of measurements with the available Star Micronics SM-L200 Bluetooth® printer. Simply choose between complete measuring records in PDF format or save your measuring records as a TXT file.

Simple touch measurement

Intuitive operation via large, clearly defined keys to ensure the safe completion on measurements, setting and calculation of functions, and the creation of measuring programs via Drag & Drop.

Pivoting display

10-inch touch panel with turn/ tilt joint so that it can be set individually for the work position, height of the operator, and lighting conditions.

Interfaces for dial indicators

An interface integrated in the slide enables the error-free measurement of the perpendicularity and straightness using the new Millimess 2000/ 2001W dial comparators.

Easy handling

The thumbwheel can be used to move the measuring slide quickly and easily start the measurement. The quick measurement function keys also automatically detect surfaces and bores.

Order no.	Product	Measuring range	Resolution	Error limit	Repeatability (level)	Details	List price	Offer price
		mm	mm	µm	µm		EUR	EUR
4429630	816 CLT	0 – 350	0,01 - 0,0001	(2,0 + L/400) L	1	1D, large function keys	~~6.480,00~~	5.495,00
4429631	816 CLT	0 – 600		(2,0 + L/400) L			~~7.090,00~~	6.026,00
4429600	817 CLT	0 – 350		(1,8 + L/600) L	0,5	2D, thumbwheel with quick measurement keys, integrated ISO tolerance chart	~~7.625,00~~	6.479,00
4429601	817 CLT	0 – 600		(1,8 + L/600) L			~~8.325,00~~	7.075,00
4429602	817 CLT	0 – 1000		(1,8 + L/600) L			~~12.665,00~~	10.765,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Digimar 814 SR

Ideal for the workshop, robust and universally applicable.

Digimar 814 SR
Height Measuring and Scribing Instrument

- Exact positioning by handwheel

633,00
Digimar 814 SR

4426100

Clamping lever

for quickly securing the slide unit

Handwheel

for easy positioning and measuring

Order no.	Product	Measuring range	Resolution	Details	List price	Offer price
		mm	mm		EUR	EUR
4426100	814 SR	0 – 350	0,01	Digit height 12 mm, handwheel for positioning and measuring	~~792,00~~	633,00
4426101	814 SR	0 – 600	0,01	Digit height 12 mm, handwheel for positioning and measuring	~~1.370,00~~	1.096,00
4426104	814 SR	0 – 980	0,01	Digit height 12 mm, handwheel for positioning and measuring	~~1.785,00~~	1.430,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

Precimar SM 60 / SM 60-V

Simple and robust, ideal for production and QA

Clamping lever

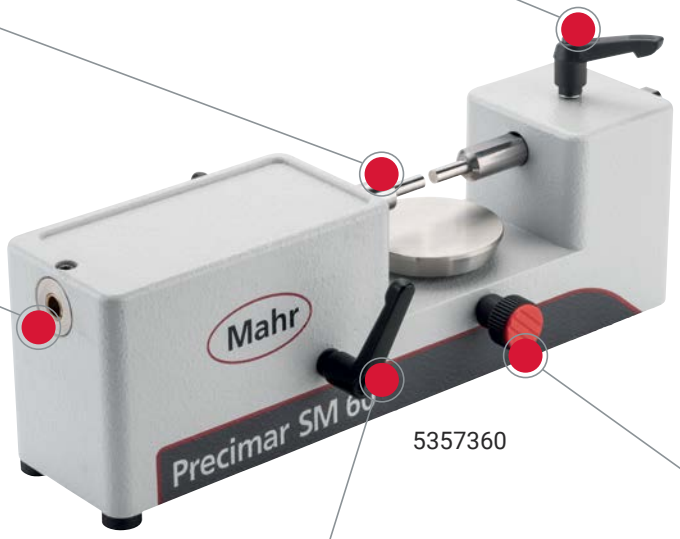
for securing the contact

Precise measuring results

Thanks to the spring-loaded measuring spindle with high-precision bearing

Mount

for measuring equipment (digital dial indicator, probes, etc.)



5357360

Clamping screw

for securing the support table

Lifting lever

for easy positioning of the measuring probe

1.433,00
Precimar SM 60

1.513,00
Precimar SM 60-V

5357380

SM 60-V
for universal use due to interchangeable measuring inserts

Application example:

Measurement of the diametral two-ball dimension of a gear

Order no.	Product	Messspanne	Application range	Mount ø	Details	List price	Offer price
		mm	mm	mm		EUR	EUR
5357360	SM 60	25	0 – 60	8	Table size ø 60 mm	~~1.685,00~~	1.433,00
5357380	SM 60-V	25	0 – 60	8	Table size ø 60 mm, incl. pair of carbide anvils Ø 3.5 mm	~~1.780,00~~	1.513,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

A variety of products for **numerous industries**

For more than 160 years the name “Mahr” has stood for modern technology, maximum precision and pioneering inventions. Today, the Mahr Group is a global operation, supporting customers in a wide range of industrial segments. A long-term focus is key to reliable, high-quality products, and sustainable customer relations. Close cooperation with our customers leads to a comprehensive understanding of the special requirements and technical challenges associated with these industries.

7
Industries

Whether in the automotive industry, medicine, new energies, or even aerospace – Mahr metrology is used all over the world.

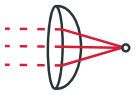
Automotive

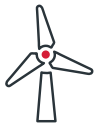
Aviation

Electronics

Machines & Tools

Medical


Optics


New energies

More than
20
product groups

Whatever the measuring task you are facing, the right measuring technology will help you tackle the most complex applications. Take advantage of Mahr’s full range of metrology: We have everything you need in over 20 different product groups, from manual calipers to customized fully-automated, robot-controlled measuring stations.

More than
160 years
of the highest quality by Mahr

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

MarSurf PS 10

Mobile measuring made easy

Including new surface standard DIN EN ISO 21920

The MarSurf PS 10 is the ideal entry level instrument for surface metrology: Its extraordinarily simple and intuitive operation, along with numerous safety functions including the automatic cutoff, make the device as easy to control as a cellphone. Due to its minimal size, it is also perfect for location-independent measurements – vertical, horizontal and even overhead if necessary. And thanks to the removable drive unit, the MarSurf PS 10 can be used flexibly in production.

The measuring instrument boasts three order options for increased flexibility: with stylus tip 2 µm, 5 µm and also a variant with a transverse drive unit (MarSurf PS 10 C2).

500 g
lightweight

- Intuitive operation: As easy as using a smartphone with a rotatable display
- Creates complete PDF measuring records right in the measuring instrument and data backup as TXT, X3P, CSV and PDF files
- Customized comments for the PDF measuring record entered directly into the MarSurf PS 10
- Error-free operation thanks to an integrated, removable roughness standard
- Automatic cutoff selection, ensuring that even non-specialists get the correct measuring results

9
other optional
probes

Always at hand

The calibration standard stays in the instrument and can be checked at any time.

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Extremely easy to operate with detailed profile display

The large 4.3” high-resolution and backlit TFT touch display allows intuitive operation and precise representation of the measuring profile.

Perfect evaluation and documentation

Measuring records are automatically created in the instrument without the need for additional software.

up to

500,000

measurements
can be stored in the instrument

31

parameters
same range of functions as a laboratory instrument

4.3”

TFT touch display
similar to a smartphone

at least

1,200

measurements
without power supply

Flexible use

The removable drive unit, in conjunction with the optional handheld support, lends this instrument added versatility where space is limited, e.g. in holes or when measuring small parts.

1.995,00
MarSurf PS 10

6910230

Order no.	Product	Measuring range	Probe	Details	List price	Offer price
		µm			EUR	EUR
6910230	PS 10	350	Skidded probe system	Storage capacity for min. 3900 profiles, min. 500,000 results, min. 1500 PDF protocols, expandable with microSD card up to 32 GB	~~2.620,00~~	1.995,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

MarSurf M 310

Brings added value for mobile roughness measurement

Including new surface standard DIN EN ISO 21920

Are you used to using your smartphone to access your data anytime, wherever you are? That is exactly what Mahr's MarSurf M 310 provides you with: A versatile device for the mobile recording and evaluation of measuring data. Simple operation and a robust design make this Mahr product perfectly suited for use in production, where dirt and dust can clog the instrument and it is often users with little prior knowledge performing the quality control.

For all those who need more

The **MarSurf M 310** has the same functions as the PS 10 but has even more crucial added benefits for you:

1. **Print directly, document easily**
   Measuring results in paper form? Sometimes still the fastest way! The mobile printer allows you to save data on thermal paper, which can then be added directly to the workpiece.

2. **Preprogrammed measuring functions for immediate measuring success**
   A variety of measuring parameters can be defined, saved and then called up on the workpiece in the device settings. Additionally, it works using a barcode scanner, which simply connects to the MarSurf M 310. This allows even workers without expert knowledge or training to determine reliable roughness parameters.

3. **Robot ready: Integrate instrument directly in the production line**
   The MarSurf M 310 and its interfaces can be directly integrated into your production lines, such as for measuring tasks on the robot arm. They control the measuring instrument remotely – conveniently from your computer, for example.

Status at a glance

Instrument status at a glance thanks to two easily visible status LEDs. Depending on the signal color, a measurement is underway, data is being transferred or an error has been detected. Standby mode shows the charging status.

Robust in every respect

Equipped for virtually any environment:
The robust skidded probe system means that the measuring instrument is less sensitive to vibrations. The PHT probe is easy to clean due to its open skid.

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Modern optics, perfect display

A high resolution, backlit 4.3” TFT display ensures precise display of your measuring results. It is oper-ated directly via the touchscreen – just as you are used to with your smartphone.

IATF compliant

The MarConnect duplex interface enables the transmission of a measuring equipment ID with each measurement. This makes measuring results traceable at any time.

Software with a success guarantee

With this measuring instrument, you can reliably determine roughness parameters even without expert knowledge or training – due to intuitive software, clear menu structures and preprogrammed measuring functions.

2.920,00
MarSurf M 310 SET

6910260

Order no.	Product	Measuring range	Probe	Details	List price	Offer price
		µm			EUR	EUR
6910260	MarSurf M 310 SET	350	Skidded probe system 2 µm probe tip	Storage capacity for min. 3900 profiles, 1500 PDF protocols and 500,000 results, expandable with microSD card up to 32 GB	~~3.435,00~~	2.920,00
6910267	MarSurf M 310 SET with printer	350	Skidded probe system 2 µm probe tip	Additionally with Star Micronics SM-L200 USB/Bluetooth® printer and docking station for direct printout of profiles, ADC and MRC diagram and measurement results	~~3.940,00~~	3.349,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

MarSurf M 410

Simple, innovative, flexible – modern surface metrology to be used by hand

Including new surface standard DIN EN ISO 21920

Mobile recording and evaluation of measuring data has never been this easy. The MarSurf M 410 is convenient and flexible to use – just a like a modern smartphone. It has a practical touch display, an integrated PDF memory, innovative accessories, and wireless data transfer – all of which effectively simplify your workload.

Benefit from functions that only Mahr can offer you. In addition to the practical and efficient design and the flexibility this offers, the MarSurf M 410 also has an automatic filter setting by detecting the surface structure. This automatic contacting also guarantees the unmatched reliability of your measurements. The magnetic 3-point holder for the probe arm and the freely combinable accessories offer additional process security.

Possible to separate the display and probe system

Optionally, you can use the measuring instrument as a mini mobile measuring station, for example by simply attaching the display to the wall using the supplied pivoted docking station.

Advantages

- Increased efficiency thanks to large integrated memory: More than 500,000 measuring programs and 1,500 PDF reports, can be expanded by 32 GB (microSD)
- Skidless probes ensure that the roughness and waviness can be measured without an additional measuring station being required – determination of parameters R, W and P.
- Safe measuring results thanks to automated cutoff option
- Automatic zeroing ensures process and material safety
- IATF ready – simply activate/deactivate in the menu by automatically transferring the item and serial number of the measuring instrument
- Free MarCom software to transfer data

Magnetic probe holder

Probe arms can be changed quickly without tools and with additional protection: The magnetic 3-point holder ensures that the probe will not be broken in the event of a collision; it will simply be released by the magnetic holder.

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Simple alignment of the probe system

The inclination is easy to correct via the menu-driven, graphic instructions.

Intuitive operation via touch display

Easy to operate just like a smartphone so that no training or introduction to the operating functions is required – you can just get started.

Creation of PDFs directly on the device

Practical: The device creates a complete PDF file without the need for additional software or transfer to a computer. Information can be added to the PDF files directly on the device.

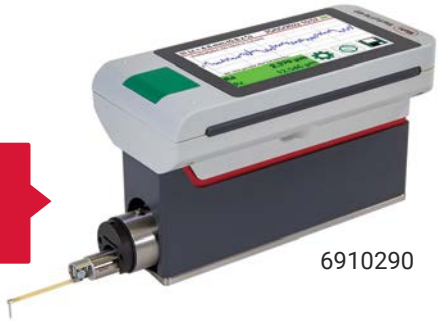
Wireless data transmission

Connect your measuring device wirelessly to a PC, for example, and transfer your data to Microsoft Excel or other evaluation software.

Importing information using a scanner

Simply start your measuring program by scanning a QR or barcode. You do not need to enter any profile information as your saved measuring programs are linked with a corresponding code.

7.599,00
MarSurf M 410 SET



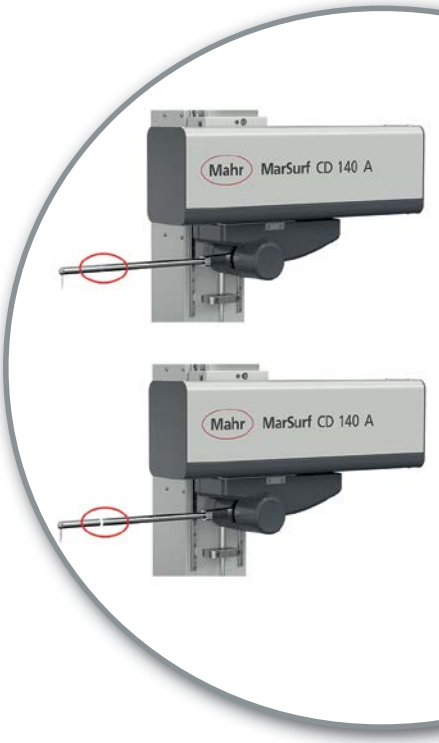
6910290

Order no.	Product	Measuring range	Probe	Details	List price	Offer price
		µm			EUR	EUR
6910290	MarSurf M 410 Set	500 µm (±250 µm)	with probe arm length 45 mm to1500 µm (±750 µm) with probe arm length 135 mm	Storage capacity for min. 3900 profiles, 1500 PDF protocols and 500,000 results, expandable with microSD card up to 32 GB (increases the storage capacity by a factor of 320)	~~8.940,00~~	7.599,00
6910291	MarSurf M 410 Set (incl. printer)	500 µm (±250 µm)	with probe arm length 45 mm to1500 µm (±750 µm) with probe arm length 135 mm	Additionally with Star Micronics SM-L200 USB/ Bluetooth® printer and docking station for direct printout of profiles, ADC and MRC diagram and measurement results	~~9.445,00~~	8.030,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Spring Sale

MarSurf CD 140 AG 11
Versatile with intelligent probe system



Mahr has launched a new contour measuring machine on the market – the MarSurf CD 140 AG 11. Its probe system has a measuring range of up to 70 mm and the stylus tips can be replaced quickly and without any tools – without having to recalibrate the system.

The new contour measuring machine MarSurf CD 140 AG 11 enables the user to complete fast and precise measurements. Its flexible workpiece holder makes it particularly easy to handle, while users are also convinced by its extreme versatility – it can also be used to measure roughness. The intelligent probe system and magnetic stylus tip holder ensure the process to replace stylus tips without any tools is the most straightforward process to date. Operators can also choose from a comprehensive range of clamps and workpiece holders. The new MarSurf CD 140 AG 11 can be used in a static position or directly at the location of the workpiece.

Advantages

- Comprehensive contour measurement functions – fast and simple
- Quick adjustment of the Z-axis with handles that are simple to operate
- Replacement of the stylus tip without any tools
- Travel speed in the X-axis of up to 200 mm/s
- Simple program creation or single measurement using MarWin
- Automatic evaluation, best adjustment of contours, CAD contour comparison, and a lot more
- Flexible support plate with 50 mm bore grid for KMG workpiece holder, amongst other
- Optionally expandable with option of roughness measurements (Rz >2 µm)
- Measurement with double stylus

Plug-in guide stops and a wide range of standardized clamping devices as well as workpiece holders enable flexible positioning of your testpiece.

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Unique probe system

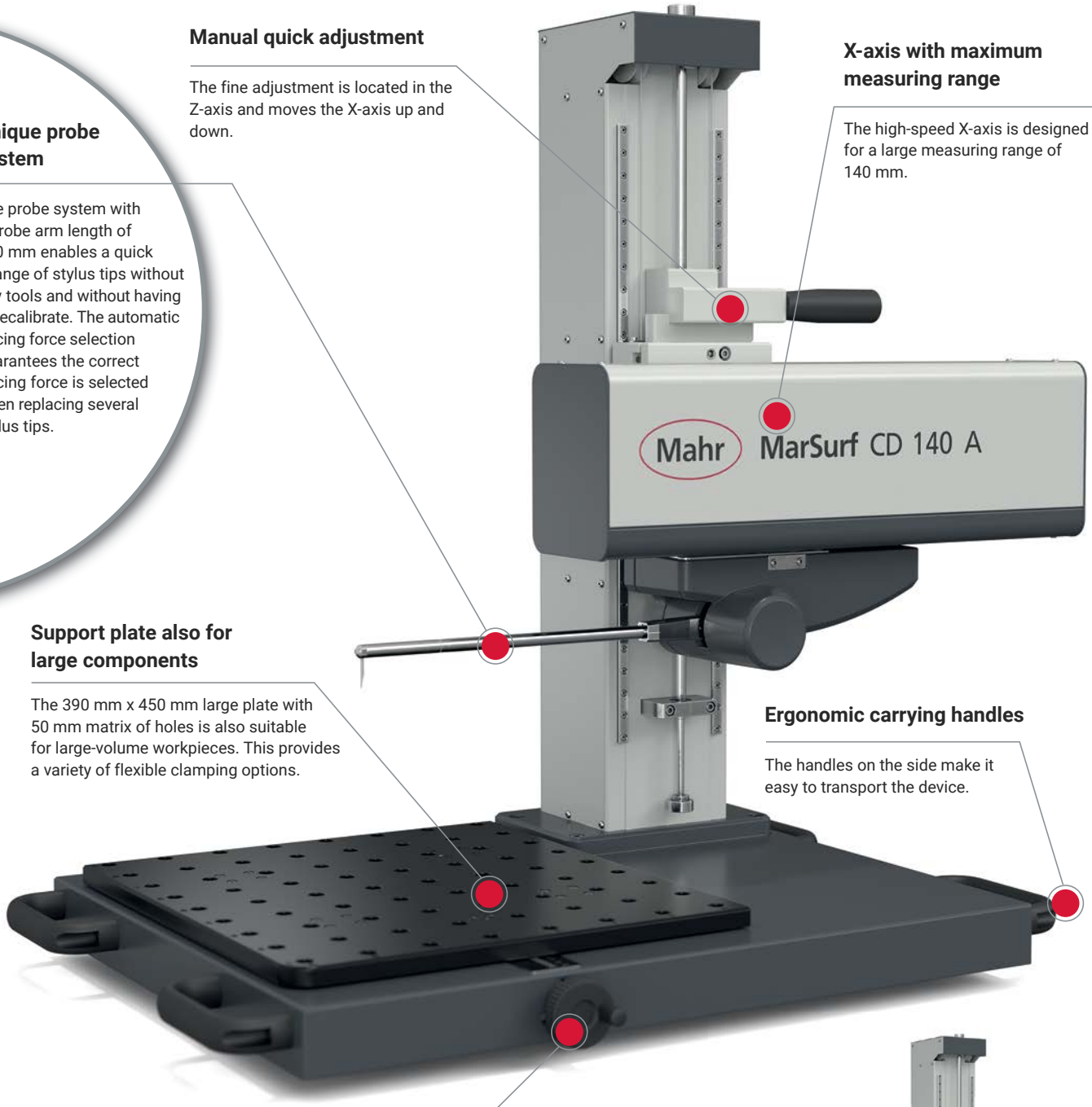
The probe system with a probe arm length of 350 mm enables a quick change of stylus tips without any tools and without having to recalibrate. The automatic tracing force selection guarantees the correct tracing force is selected when replacing several stylus tips.

Manual quick adjustment

The fine adjustment is located in the Z-axis and moves the X-axis up and down.

X-axis with maximum measuring range

The high-speed X-axis is designed for a large measuring range of 140 mm.



Support plate also for large components

The 390 mm x 450 mm large plate with 50 mm matrix of holes is also suitable for large-volume workpieces. This provides a variety of flexible clamping options.

Ergonomic carrying handles

The handles on the side make it easy to transport the device.

Generous traverse path

The Y-axis can be adjusted manually with a traverse path of 60 mm.

18.175,00
MarSurf CD 140 AG 11

6269200

Order no.	Product	Measuring range	Probe	Details	Offer price
		µm			EUR
6269200	MarSurf CD 140 AG 11	70 mm	with probe arm length 350 mm	Measuring force 4 mN to 30 mN, adjustable via software, measuring speed 0.1 mm/s to 10 mm/s, positioning speed X: 0.1 mm/s to 200 mm/s	18.175,00
6269202	MarSurf CD 140 AG 11 (incl. option Roughness)	70 mm	with probe arm length 350 mm	Measuring force 4 mN to 30 mN, adjustable via software, measuring speed 0.1 mm/s to 10 mm/s, positioning speed X: 0.1 mm/s to 200 mm/s	20.195,00

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Detailed information on the products can be found at https://metrology.mahr.com/en-int/
All illustrations and figures etc. are without guarantee. All prices quoted are non-binding recommended prices. The net prices in € plus VAT are valid from April 8 to May 31, 2025

Mahr GmbH
Carl-Mahr-Straße 1
37073 Göttingen
Germany

Phone: +49 551 7073 800
info@mahr.com
www.mahr.com

Available from:

© **Mahr** GmbH
We reserve the right to make changes to our products,
especially due to technical improvements and further developments.
All illustrations, numerical values, etc. are therefore subject to change.
3763713-EN | 02.2025