



Mahr® | Precision measurement and solutions

1st Edition

# Mahrlights

## 80x

Integrated Wireless products



April 1<sup>st</sup> - June 30<sup>th</sup>  
2021

# Comprehensive product range with Integrated Wireless

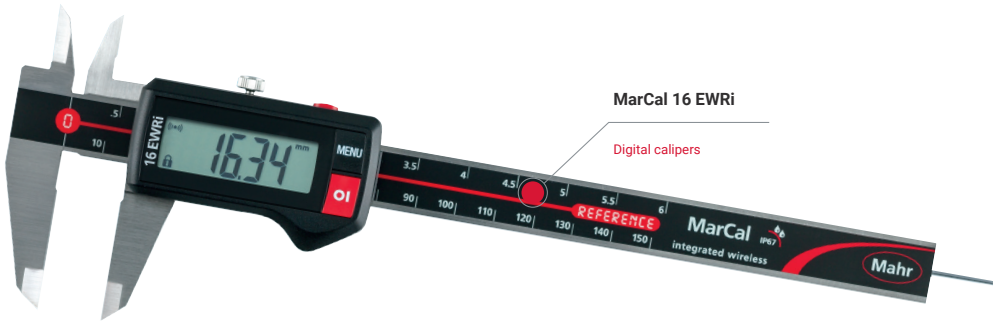
Mahr offers a comprehensive range of measuring instruments with Integrated Wireless data transmission for use in all areas of industrial manufacturing and quality control. The Integrated Wireless range from Mahr delivers accurate measuring results with full mobility. Modern, simple measuring solutions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

3

Product groups

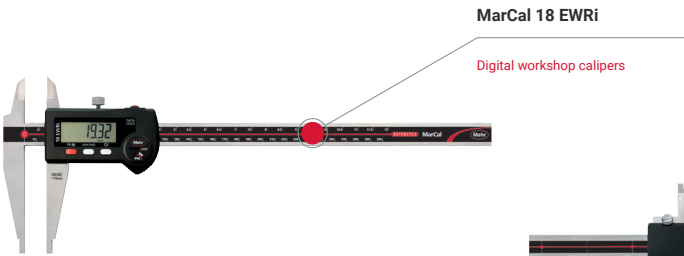
80

Products



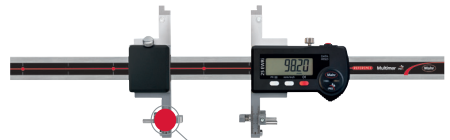
MarCal 16 EWRI

Digital calipers



MarCal 18 EWRI

Digital workshop calipers



MarCal 25 EWRI

Digital universal calipers



MarCal 30 EWRI

Digital depth gages



Micromar 40 EWRI

Digital outside micrometers



Micromar 40 EWRI-L

Digital outside micrometers with quick-drive spindle



MarCator 1087 Ri

Digital dial indicators

MarCator 1086 Ri with stand

Digital dial indicators



MarCator 1086 Ri

Digital dial indicators

MarCator 1087 Ri with SM 60

Digital dial indicator



MarCator 1086 Ri with 3-point pistol

Digital dial indicator

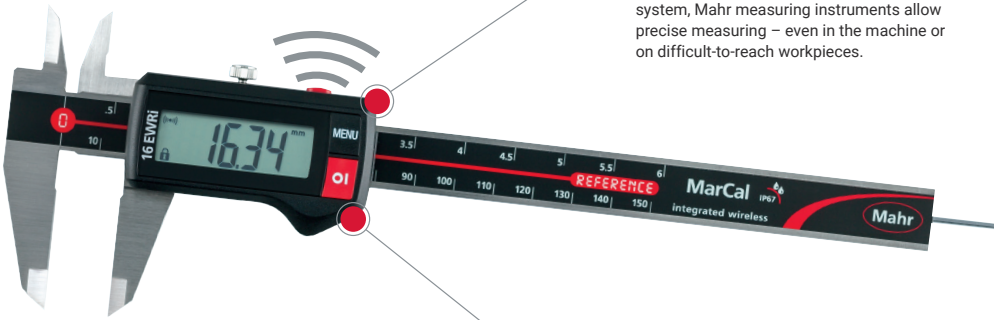


# Best performance in every step

The key to successful production is intelligent, efficient quality control. This comes down to both the simple and precise recording of measuring values and structured data processing. Mahr's portfolio of wireless devices allows for faster and more specific measurements and offers full transparency. You can increase your mobility without having to compromise on the traceability of measuring steps along the entire value chain.

## Full mobility

Measure autonomously and without restriction. Due to their wireless, compact system, Mahr measuring instruments allow precise measuring – even in the machine or on difficult-to-reach workpieces.



## Free software

Enjoy the benefits of MarCom Professional 5.2 interface software and transfer measuring data individually and conveniently to your Windows applications or CAQ software.



## Integrated transmitter

Eliminate risks such as cable breaks and wear and tear. These types of hazards are now a thing of the past with Integrated Wireless technology.

## Inexpensive

Use your wireless connection for the same price as a cabled system. By purchasing a USB receiver stick (i-Stick) for your computer, you can operate up to eight measuring devices at the same time and save on the additional expense of connecting cables.

# MarCal | Digital calipers

Integrated Wireless – conveniently transmit data



4103401

\$210



4112571

\$760

When things start to get bigger

Version with measuring blades



4126751

Compact and handy

always within reach



4112571

\$385

Order No.	Product	Measuring Range	Resolution	Depth Rod	Details	List Price	Promo Price
4103401	16 EWRI	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	Round	IP67, with Integrated Wireless thumbwheel	\$259	\$210
4103403	16 EWRI	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	Square	IP67, with Integrated Wireless thumbwheel	\$259	\$210
9105795	16 EWRI	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	Round	Starter pack including i-Stick	\$358	\$270
9105796	16 EWRI	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	Square	Starter pack including i-Stick	\$358	\$270
4112571	18 EWRI	0 - 300 mm / 0 - 12 in	0.01 mm / 0.0005 in		IP65, with Integrated Wireless	\$845	\$760
4112572	18 EWRI	0 - 500 mm / 0 - 20 in	0.01 mm / 0.0005 in		IP65, with Integrated Wireless	\$1,090	\$980
4112573	18 EWRI	0 - 750 mm / 0 - 30 in	0.01 mm / 0.0005 in		IP65, with Integrated Wireless	\$1,460	\$1,310
4112574	18 EWRI	0 - 1000 mm / 0 - 40 in	0.01 mm / 0.0005 in		IP65, with Integrated Wireless	\$1,770	\$1,590
4126755	30 EWRI	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in		IP67, with Integrated Wireless	\$473	\$385
4126754	30 EWRI	0 - 200 mm / 0 - 8 in	0.01 mm / 0.0005 in		IP67, with Integrated Wireless	\$525	\$425
4126756	30 EWRI	0 - 300 mm / 0 - 12 in	0.01 mm / 0.0005 in		IP67, with Integrated Wireless	\$625	\$505
4126751	30 EWRI	0 - 25 mm / 0 - 1 in	0.01 mm / 0.0005 in		IP67, with Integrated Wireless	\$362	\$292

## Accessories for Measuring Instruments with Integrated Wireless

4102220	i-Stick	Wireless receiver for measuring instruments with Integrated Wireless	\$99	\$79
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# MarCal | Digital calipers

Digital with reference system – a reliable choice

The standard

in the workshop



4103011

\$111

\$165



4103301

The impervious

for production and workshop

Order No.	Product	Measuring Range	Resolution	Depth Rod	Details	List Price	Promo Price
4103011	16 ER	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	Round	with thumbwheel	\$137	\$111
4103013	16 ER	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	Square	with thumbwheel	\$137	\$111
4103205	16 ER	0 - 200 mm / 0 - 8 in	0.01 mm / 0.0005 in	Square		\$220	\$178
4103207	16 ER	0 - 300 mm / 0 - 12 in	0.01 mm / 0.0005 in			\$329	\$265
4103301	16 EWR	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	Round	IP67, with thumbwheel	\$203	\$165
4103303	16 EWR	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	Square	IP67, with thumbwheel	\$203	\$165
4103304	16 EWR	0 - 200 mm / 0 - 8 in	0.01 mm / 0.0005 in	Square	IP67	\$279	\$225
4103306	16 EWR	0 - 300 mm / 0 - 12 in	0.01 mm / 0.0005 in		IP67	\$394	\$315

## MarCal | Digital calipers

The depth gage for every application



Order No.	Product	Measuring Range	Resolution	Details	List Price	Promo Price
4126700	30 EWR	0 - 150 mm / 0 - 6 in	0.01 mm / 0.0005 in	IP67, with data output	\$495	\$400
4126699	30 EWR	0 - 200 mm / 0 - 8 in	0.01 mm / 0.0005 in	IP67, with data output	\$546	\$442
4126701	30 EWR	0 - 300 mm / 0 - 12 in	0.01 mm / 0.0005 in	IP67, with data output	\$571	\$460

## MarCal | Digital universal calipers

Reliable and robust



Order No.	Product	Measuring Range	Resolution	Depth Rod	Wireless	List Price	Promo Price
4118807	30 EWR-V	0 - 200 mm / 0 - 8 in	0.01 mm / 0.0005 in	Rectangular		\$657	\$575
4118907	30 EWR-V	0 - 200 mm / 0 - 8 in	0.01 mm / 0.0005 in	Rectangular	X	\$741	\$599

# Micromar | Digital micrometers

The choice is yours: data output or Integrated Wireless



4157010

\$188



\$244



4157011



4157100

\$328



# Micomar | Digital micrometers

Outside micrometer sets, perfectly tailored to your needs



**\$1,683**

4157115



**\$1,400**



4157150

Order No.	Product	Measuring Range	Resolution	Details	List Price	Promo Price
4157010	40 ER	0 - 25 mm / 0 - 1 in	0.001 mm / 0.0005 in		\$219	\$188
4157011	40 EWR	0 - 25 mm / 0 - 1 in	0.001 mm / 0.0005 in	IP65	\$285	\$244
4157012	40 EWR	25 - 50 mm / 1 in - 2 in	0.001 mm / 0.0005 in	IP65	\$394	\$335
4157100	40 EWRi	0 - 25 mm / 0 - 1 in	0.001 mm / 0.0005 in	IP65, Integrated Wireless	\$383	\$328
4157101	40 EWRi	25 - 50 mm / 1 in - 2 in	0.001 mm / 0.0005 in	IP65, Integrated Wireless	\$459	\$394
4157115	40 EWRi	0 - 100 mm / 0 - 4 in	0.001 mm / 0.0005 in	IP65, Integrated Wireless, 4 micrometer screws in set	\$2,080	\$1,683
4157120	40 EWRi-L	0 - 25 mm / 0 - 1 in	0.001 mm / 0.0005 in	IP65, Integrated Wireless, quick adjustment	\$473	\$404
4157121	40 EWRi-L	25 - 50 mm / 1 in - 2 in	0.001 mm / 0.0005 in	IP65, Integrated Wireless, quick adjustment	\$541	\$460
4157020	40 EWR-L	0 - 25 mm / 0 - 1 in	0.001 mm / 0.0005 in	IP65, data output, quick adjustment	\$441	\$375
4157021	40 EWR-L	25 - 50 mm / 1 in - 2 in	0.001 mm / 0.0005 in	IP65, data output, quick adjustment	\$499	\$427
4157050	40 EWR-V	0 - 25 mm / 0 - 1 in	0.001 mm / 0.0005 in	IP65, data output, quick adjustment	\$1,590	\$1,285
4157150	40 EWR-V	0 - 25 mm / 0 - 1 in	0.001 mm / 0.0005 in	IP65, Integrated Wireless, quick adjustment	\$1,700	\$1,400

## Accessories for Measuring Instruments with Integrated Wireless

4102603	DK-U1	Bidirectional USB data cable with power supply, for micrometers only	\$225	\$160
4102606	DK-D1	Digimatic data cable	\$195	\$144
4102220	i-Stick	Wireless receiver for measuring instruments with Integrated Wireless	\$99	\$79

# Micromar 844 A | Self-centering measuring pistol

Offers long measuring range with fixed anvils



4487762

**\$2,933**



Self centering bore gage kit



Order No.	Product	Measuring Range	Number of Measuring Heads	Ring Gages	List Price	Promo Price
4487760	1086 R	6 mm - 12 mm / 0.25 in - 0.4725 in	3	8 mm, 10 mm	\$2,870	<b>\$2,321</b>
4487761	1086 R	12 mm - 20 mm / 0.4725 in - 0.775 in	2	16 mm	\$2,710	<b>\$2,193</b>
4487762	1086 R	20 mm - 50 mm / 0.775 in - 2.0 in	4	25 mm, 40 mm	\$3,630	<b>\$2,933</b>
4487763	1086 R	50 mm - 100 mm / 2 in - 4 in	4	60 mm, 85 mm	\$4,690	<b>\$3,791</b>

Note: With the extension 44 Av. Includes 1086 indicator.

## ANSI/AGD Group 2 | Precision dial indicators

The standard of the industry for nearly 100 years



2014698



2011049

**\$166**

Order No.	Measuring Range	Graduation Value	Dial Style	Range per Revolution	List Price	Promo Price
2015781	0.025 in	0.0001 in	0-5-0	0.010 in	\$293	\$229
2011049	0.250 in	0.001 in	0-100	0.100 in	\$212	\$166
2014699	0.500 in	0.001 in	0-100	0.100 in	\$230	\$180
2014698	1.000 in	0.001 in	0-100	0.100 in	\$230	\$180

## MarStand 820 NG / 820 FG | Indicator stand with granite base

Can reach any position within its operating range



4430100

**\$438**

Order No.	Model	Working Range	Fine Adjustment	Mounting Hole	List Price	Promo Price
4430100	820 NG	0 - 130 mm / 0 - 5.1 in		8H7	\$541	\$438
4430110	820 NG	0 - 130 mm / 0 - 5.1 in		3/8 in	\$541	\$438
4431100	820 FG	0 - 130 mm / 0 - 5.1 in	*	8H7	\$885	\$716
4431110	820 FG	0 - 130 mm / 0 - 5.1 in	*	3/8 in	\$885	\$716

Note: Indicator sold separately

# MarTest® 801 SL / SGL / SGM | Test indicators for high accuracy measurement

Ensures maximum precision

**\$130**

4306950



**\$114**

4305950



**\$142**

4308970



**\$130**

4302950



Order No.	Model	Measuring Range	Reading	Dial Diameter	Length of Styli	List Price	Promo Price
4305960	801 S1	±0.015 in	0.001 in	1.1 in	0.57 in	\$130	\$105
4305950	801 S	±0.015 in	0.0005 in	1.1 in	0.57 in	\$142	\$114
4307950	801 SG	±0.015 in	0.0005 in	1.5 in	0.57 in	\$156	\$125
4307970	801 SGI	±0.3 mm / 0.015 in	0.01 mm / 0.0005 in	1.5 in	0.57 in	\$136	\$109
4308970	801 SGM	± 0.004 in	0.0001 in	1.5 in	0.57 in	\$177	\$142
4306950	801 SL	± 0.010 in	0.0005 in	1.1 in	1.62 in	\$163	\$130
4306960	801 SGL	± 0.010 in	0.0005 in	1.5 in	1.62 in	\$183	\$146
4302950	801 V	±0.015 in	0.0005 in	1.1 in	0.57 in	\$163	\$130
4302960	801 VGM	±0.004 in	0.0001 in	1.5 in	0.57 in	\$184	\$147

## Millimess® | Dial comparators

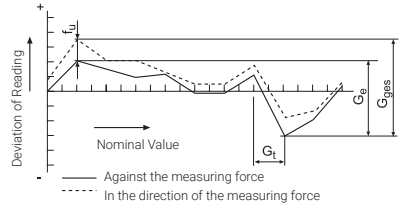
High precision and extreme robustness



1003 Z

**\$230**

4334900



Order No.	Model	Measuring Range	Readings	Overtravel	Measuring Force	List Price	Promo Price
4335900	1002 Z	± 0.0010 in	0.00002 in	0.11 in	1 N	\$623	\$505
4335905*	1002 Z	± 0.0010 in	0.00002 in	0.11 in	1 N	\$685	\$555
4334900	1003 Z	± 0.0020 in	0.00005 in	0.11 in	1 N	\$284	\$230
4334905*	1003 Z	± 0.0020 in	0.00005 in	0.11 in	1 N	\$406	\$329
4333900	1004 Z	± 0.0050 in	0.0001 in	0.10 in	1 N	\$275	\$222
4333905*	1004 Z	± 0.0050 in	0.0001 in	0.10 in	1 N	\$406	\$329
4332900	1010 Z	± 0.0100 in	0.0005 in	0.10 in	1 N	\$265	\$215
4332905*	1010 Z	± 0.0100 in	0.0005 in	0.10 in	1 N	\$307	\$249

Note: \* Waterproof

Including plastic case, adapter 940 (for inch instruments only)

IP54, including plastic case, splash guard cover 957, rubber bellows (only for 1002/1003/1004); adapter 940 (for inch instruments only)

## MarStand 815 MG | Indicator stand with magnetic base

Can reach any position within its operating range

**\$284**



Order No.	Fine Adjustment Range	Total Height	Projection (Max.)	Magnetic Force	List Price	Promo Price
4420385	2 mm / 0.078 in	224 mm / 8.818 in	130 mm / 5.118 in	300 N	\$335	\$284
4420386	2 mm / 0.078 in	316 mm / 12.440 in	200 mm / 7.784 in	800 N	\$494	\$419
4420387	2 mm / 0.078 in	401 mm / 15.787 in	280 mm / 9.8425 in	800 N	\$535	\$454
4420388	2 mm / 0.078 in	444 mm / 17.480 in	330 mm / 12.992 in	1000 N	\$655	\$556

Note: Indicator sold separately

4420385



\$413

**\$497**



4337663

**\$672**



4337695

Order No.	Product	Measuring Range	Resolution	Details	List Price	Promo Price
4336010	1075 R	12.5 mm / 0.5 in	0.01 mm / 0.0005 in	LOCK function	\$209	\$160
4336020	1075 R	12.5 mm / 0.5 in	0.005 mm / 0.0001 in	LOCK function	\$262	\$199
4336030	1075 R	12.5 mm / 0.5 in	0.001 mm / 0.00005 in	LOCK function	\$362	\$275
4337620	1086 R	12.5 mm / 0.5 in	0.0005 mm / 0.000020 in	ABS, LOCK, Tol function	\$447	\$362
4337621	1086 R	25 mm / 1 in	0.0005 mm / 0.000020 in	ABS, LOCK, Tol function	\$541	\$438
4337697	1086 R-HR	12.5 mm / 0.5 in	0.0001 mm / 0.000010 in	ABS, LOCK, TOL function, high resolution	\$672	\$544
4337660	1087 R	12.5 mm / 0.5 in	0.0005 mm / 0.000020 in	ABS, LOCK, TOL function, Max/Min/Max-Min	\$552	\$447
4337661	1087 R	25 mm / 1 in	0.0005 mm / 0.000020 in	ABS, LOCK, TOL function, Max/Min/Max-Min	\$641	\$519
4337695	1087 R-HR	12.5 mm / 0.5 in	0.0001 mm / 0.000010 in	ABS, LOCK, TOL function, high resolution	\$830	\$672
4337624	1086 Ri	12.5 mm / 0.5 in	0.0005 mm / 0.000020 in	ABS, LOCK, TOL function, Integrated Wireless	\$510	\$413
4337625	1086 Ri	25 mm / 1 in	0.0005 mm / 0.000020 in	ABS, LOCK, TOL function, Integrated Wireless	\$604	\$510
4337663	1087 Ri	12.5 mm / 0.5 in	0.0005 mm / 0.000020 in	ABS, LOCK, TOL function, Max/Min/Max-Min, Integrated Wireless	\$615	\$497
4337665	1087 Ri	25 mm / 1 in	0.0005 mm / 0.000020 in	ABS, LOCK, TOL function, Max/Min/Max-Min, Integrated Wireless	\$683	\$553

Accessories for Measuring Instruments with Integrated Wireless and Data Cable Connection						
4102606	DK-D1			Digimatic data cable	\$195	\$144
4102220	i-Stick			Wireless receiver for measuring instruments with Integrated Wireless	\$99	\$79

## Digimar 816 CL

- Perfect for accurate measurements in production and the workshop



**\$5,240**

4429031

## Digimar 817 CLM

- Quick Mode feature allows for rapid measurements with maximum accuracy even in 2D mode



**\$7,500**

4429011



# Digimar | Height measuring instruments

Robust and versatile, ideal for the workshop

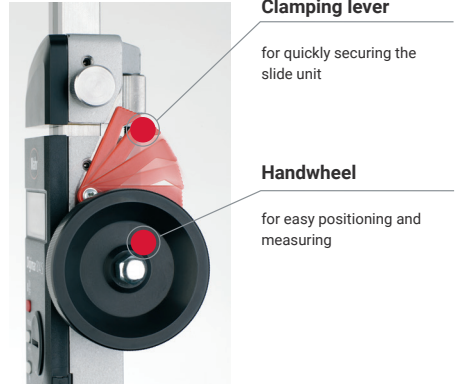
## Digimar 814 CR

● Height measuring and scribing instrument



**\$590**

4426100



### Clamping lever

for quickly securing the slide unit

### Handwheel

for easy positioning and measuring

Order No.	Product	Measuring Range	Resolution	Details	List Price	Promo Price
4429030	816 CL	0 - 350 mm / 0 - 14 in	0.01 mm, 0.001 mm / 0.0001 in, 0.00005 in	Error limit (2.8 + L/300) L in mm	\$6,410	\$4,880
4429031	816 CL	0 - 600 mm / 0 - 24 in	0.01 mm, 0.001 mm / 0.0001 in, 0.00005 in	Error limit (2.8 + L/300) L in mm	\$6,880	\$5,240
4429010	817 CLM	0 - 350 mm / 0 - 14 in	0.01 mm, 0.005 mm, 0.001 mm, 0.0005 mm, 0.0001 mm / 0.001 in, 0.0005 in, 0.0001 in, 0.0005 in, 0.00001 in	Error limit (1.8 + L/600) L in mm	\$9,000	\$6,856
4429011	817 CLM	0 - 600 mm / 0 - 24 in	0.01 mm, 0.005 mm, 0.001 mm, 0.0005 mm, 0.0001 mm / 0.001 in, 0.0005 in, 0.0001 in, 0.0005 in, 0.00001 in	Error limit (1.8 + L/600) L in mm	\$9,580	\$7,500
4429012	817 CLM	0 - 1000 mm / 0 - 40 in	0.01 mm, 0.005 mm, 0.001 mm, 0.0005 mm, 0.0001 mm / 0.001 in, 0.0005 in, 0.0001 in, 0.0005 in, 0.00001 in	Error limit (1.8 + L/600) L in mm	\$17,070	\$13,000
4426100	814 SR	0 - 350 mm / 0 - 14 in	0.01 mm / 0.0005 in	Digit height 12 mm, handwheel for positioning and measuring	\$762	\$590
4426101	814 SR	0 - 600 mm / 0 - 24 in	0.01 mm / 0.0005 in	Digit height 12 mm, handwheel for positioning and measuring	\$1,160	\$890

# Millimar® | Evaluation instrument and measuring probe

Smart and versatile



**\$1,318**

5312010

**\$354**



5323010

**\$912**



5313180

Order No.	Product	Numerical Display	Resolution	Details	List Price	Promo Price
5312010	Millimar C 1200	± 5000 μm	0.1 μm	High resolution, high contrast TFT color display	\$1,630	\$1,318

Order No.	Product	Measuring Range	Measuring Force	Details	List Price	Promo Price
5323010	P2004 M	± 2 mm	0.75 N	Measuring pin mounted in ball bearing guide	\$466	\$354
5313180	1318	-0.3 ... 1 mm	0.25 ± 0.05 N	Dial test indicator inductive probe	\$1,200	\$912

# Millimar | Modules for your measuring tasks

Measuring modules and software to tackle customer-specific measuring tasks

**\$3,000**

5312801



**\$166**

5331130



**\$446**

5331120



**\$222**

5331133



**\$310**

5331134



**\$711**

5331155



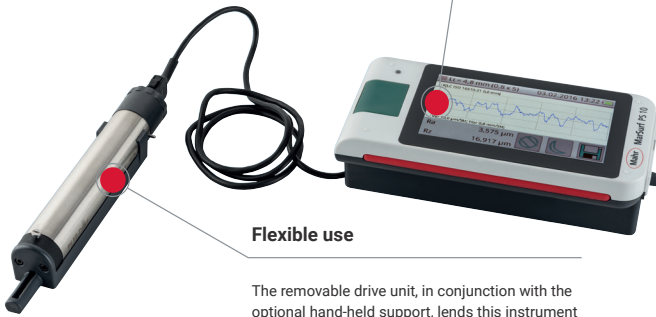
Order No.	Product	Details	List Price	Promo Price
5312801	C1700 PC	Dynamic function: MAX, MIN, MAX-MIN, MAX+MIN, 1 signal sharing computer with Cockpit	\$3,510	<b>\$3,000</b>
5312865	Cockpit software	Dynamic function: MAX, MIN, MAX-MIN, MAX+MIN, Cockpit Software Marwin 13	\$1,130	<b>\$963</b>
5312802	History view	Allows for basic graphical review of data, range, average	\$308	<b>\$264</b>
5331120	N1702 M	Induction probe module, 2 Mahr LVDT, range $\pm 1 \text{ mm}$ , $\pm 2 \text{ mm}$ , $\pm 5 \text{ mm}$ / $\pm 0.040 \text{ in}$ , $\pm 0.080 \text{ in}$ , $\pm 0.2 \text{ in}$	\$520	<b>\$446</b>
5331130	N1701 USB	USB connection module, 430 ma	\$194	<b>\$166</b>
5331133	N1701 PS	Power supply module, 2000 ma	\$259	<b>\$222</b>
5331134	N1704 I/O	Input/output module, 4 inputs / 4 outputs, 10 - 30 v, lamp/channel	\$362	<b>\$310</b>
5331155	N1700 PF	Module for Mahr Federal air tool 2500:1 / 5000:1 in, $\pm 76.5 \mu\text{m}$ / $\pm 0.0015 \mu\text{in}$	\$830	<b>\$711</b>
2258471	Airkit	Air filter regulator kit for up to 3 air modules	\$345	<b>\$296</b>
4102058	Foot switch	Foot switch to trigger data transmission	\$135	<b>\$113</b>

## Simple and intuitive to use for more measuring convenience

Mahr's entry-level surface metrology instrument is intuitive and simple to use. The 4.3" TFT touch display can be turned in any direction. The removable drive unit makes the MarSurf PS 10 flexible in production and manufacturing. It features an integrated but removable calibration standard. Measuring records can be saved in the instrument itself as PDF files. Alternatively, they can be transferred using MarCom Software.

### Extremely easy to operate with detailed profile display

The large 4.3" high-resolution and backlit TFT touch display allows intuitive operation (just like a smartphone) and precise representation of the measuring profile.



### Flexible use

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



### Easily accessible evaluation and documentation

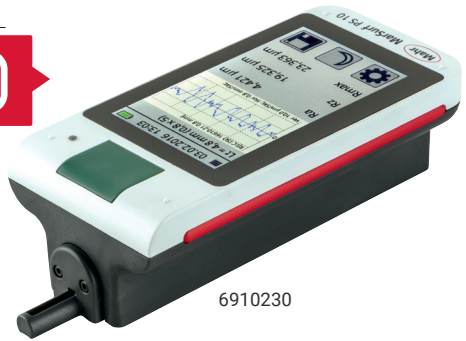
The PS 10 automatically creates a PDF measuring record without the need for any additional software. The measuring record can be easily transferred to a PC via the USB port. Alternatively, measuring data can be evaluated in the MarSurf XR 1 and XR 20 roughness software or the measurements can be sent to Excel or SPC programs using the MarCom Software.

### Always at hand

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



**\$2,350**



6910230

**\$4,450**



6910260



**Sample application:**  
MarSurf M 400 with ST-G

**\$8,900**



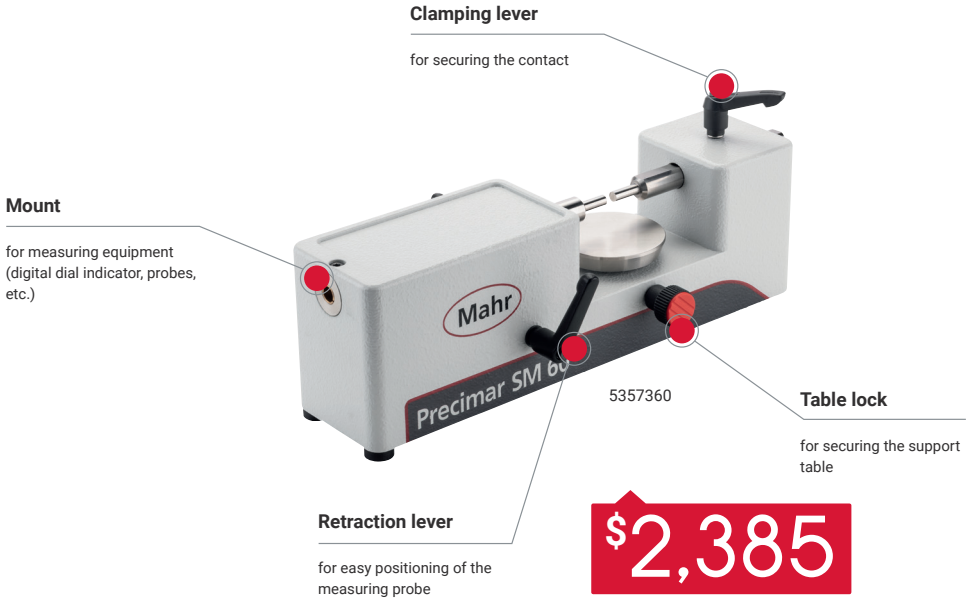
6910404



Order No.	Product	Measuring Range	Probe	Details	List Price	Promo Price
6910230	PS 10	350 $\mu\text{m}$	Skidded probe system	Minimum 3900 profiles, min. 500,000 results, minimum 1500 PDF measuring records, expandable to 32 GB with microSD card	\$2,750	<b>\$2,350</b>
6910260	M 310 set	350 $\mu\text{m}$	Skidded probe system 2 $\mu\text{m}$ stylus tip	Memory for minimum 1500 PDF measuring records and 500,000 measuring results, expandable up to 32 GB using microSD card	\$4,680	<b>\$4,450</b>
6910267	M 310 set with printer	350 $\mu\text{m}$	Skidded probe system 2 $\mu\text{m}$ stylus tip	Also with USB/Bluetooth printer and docking station to directly print profiles, MRC and ADC curves and measuring results	\$5,200	<b>\$4,950</b>
6910404	M 400	+/- 250 $\mu\text{m}$ (up to +/-750 $\mu\text{m}$ with 3x probe arm length)	Skidless probe system	Over 50 surface parameters for R-, P- and W-profiles according to current ISO/JIS or MOTIF standards (ISO 12085)	\$11,130	<b>\$8,900</b>

# Precimar | Length measuring bench

Robust construction makes it suitable for use in production



**Sample application:**  
Precimar SM 60 shown with MarCator 1086 R

Order No.	Product	Measuring Range	Application Range	Details	List Price	Promo Price
5357360	SM 60	0 - 25 mm / 0 - 1 in	0 - 60 mm / 0 - 2.36 in	Size of table ø 60 mm / 2.36 in, mass 9 kg	\$2,980	\$2,385



### MarCator 1086 Ri

Order number: 433761



### MarCator 1087 Ri

Order number: 4337661



### MarCator 1086 R-HR

Order number: 4337698



### Millimar C 1200

Order number: 4337661



### Millimar P 2004 M

Order number: 5353010

## Additional accessories

An overview of the complete range of accessories can be found in the **Mahr Catalog**.

Order No.	Product	Measuring Range	Resolution	List Price	Promo Price
4337621	MarCator 1086 R	25 mm / 1 in	0.0005 mm, 0.001 mm, 0.002 mm, 0.005 mm, 0.01 mm / 0.00002 in, 0.00005 in, 0.0001 in, 0.0002 in, 0.0005 in	\$541	\$438
4337625	MarCator 1086 Ri	25 mm / 1 in	0.0005 mm, 0.001 mm, 0.002 mm, 0.005 mm, 0.01 mm / 0.00002 in, 0.00005 in, 0.0001 in, 0.0002 in, 0.0005 in	\$604	\$510
4337661	MarCator 1087 R	25 mm / 1 in	0.0005 mm, 0.001 mm, 0.002 mm, 0.005 mm, 0.01 mm / 0.00002 in, 0.00005 in, 0.0001 in, 0.0002 in, 0.0005 in	\$641	\$519
4337665	MarCator 1087 Ri	25 mm / 1 in	0.0005 mm, 0.001 mm, 0.002 mm, 0.005 mm, 0.01 mm / 0.00002 in, 0.00005 in, 0.0001 in, 0.0002 in, 0.0005 in	\$683	\$552
4337698	MarCator 1086 R-HR	25 mm / 1 in	0.0001 mm, 0.0005 mm, 0.001 mm, 0.002 mm, 0.005 mm, 0.01 mm / 0.00001 in, 0.00002 in, 0.00005 in, 0.0001 in, 0.0002 in, 0.0005 in	\$735	\$595
4337696	MarCator 1087 R-HR	25 mm / 1 in	0.0001 mm, 0.0005 mm, 0.001 mm, 0.002 mm, 0.005 mm, 0.01 mm / 0.00001 in, 0.00002 in, 0.00005 in, 0.0001 in, 0.0002 in, 0.0005 in	\$896	\$725
5312010	Millimar C 1200	±5.0000 mm / ±0.194 in	10 µm, 1 µm, 0.1 µm / 100 µin, 10 µin, 5 µin	\$1,630	\$1,318
5323010	Millimar P 2004 M	± 2 mm / ± 0.080 in	-	\$446	\$354



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