

MAHRLIGHTS



WINTER EDITION
1 | 2019

<p>MICROMAR 40 EWri</p>	<p>MARSURF® M 400</p>	<p>* FREE Download</p> <p>MARCOM PROFESSIONAL</p>
<p>DIGIMAR® 817 CLM</p>	<p>Sign up to receive Tips from Mahr's Gaging Guru www.mahr.com/gagingtips</p>	<p>NEW</p> <p>MICROMAR 40 EWri-L</p>
<p>COCKPIT SOFTWARE</p>	<p>MARCONNECT i-STICK</p>	<p>MARCAL 16 EWri</p>

Promotion prices valid from January 1st through April 30th 2019

Your Midwest Metrology Solution
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INNOVATIONS AT A SPECIAL PRICE

- **Wireless Tools:** Large operating range with Integrated Wireless data transmission
- **Milimar:** The efficient and user-friendly way to evaluate measuring data
- **MarSurf:** Simple and intuitive to use



MAHR® CONNECTIVITY

Sending Measuring Results

Data

Integrated Wireless Technology



Retrofitted Wireless Technology



Cable Technology



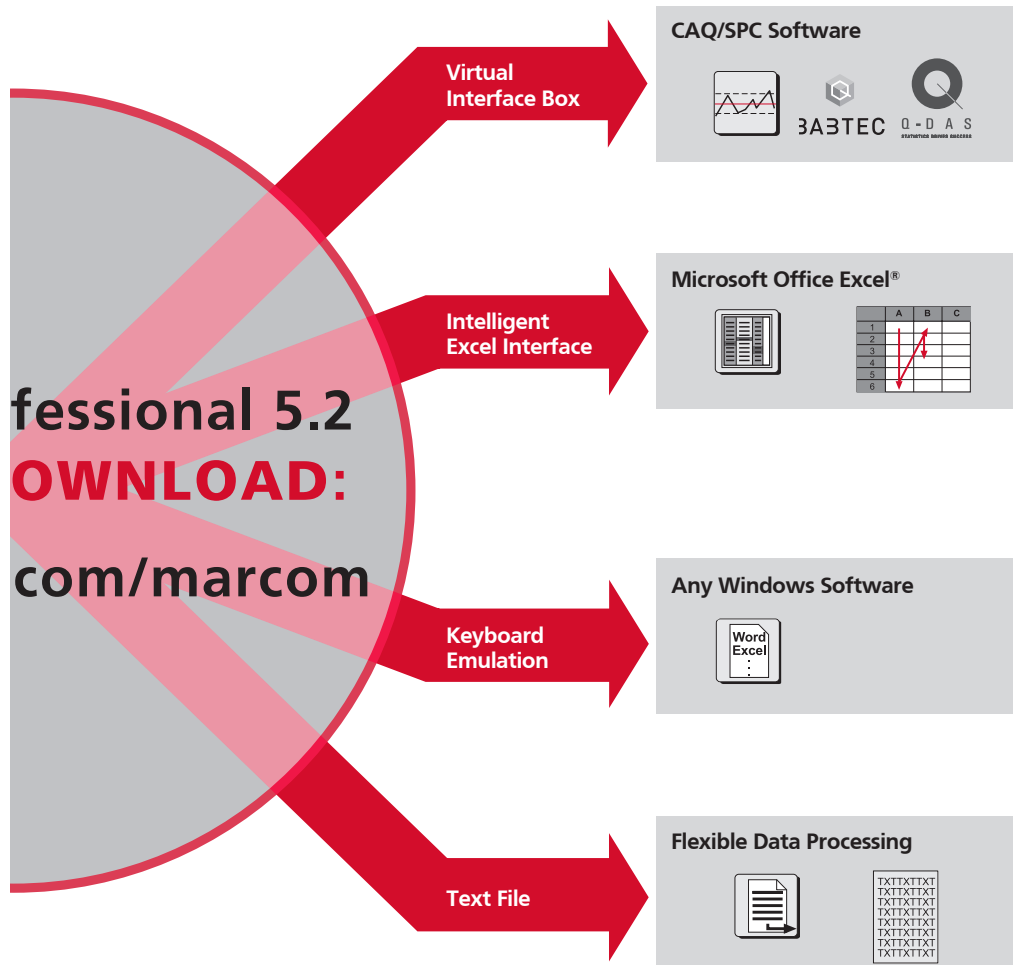
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HIGHLIGHT: Our contribution to Industry 4.0: You can now download MarCom Professional Software free of charge!

Transfer

Data Processing



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Micromar 40 EWri-L Digital Micrometer with Quick Drive Spindle and Integrated Wireless Data Transmission

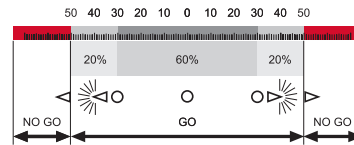
Wireless data transmission capability is integrated within the NEW Micromar 40 EWri-L digital micrometer with a quick drive spindle where 1 turn of the thimble is now equal to 5 mm (0.2 in) of spindle travel. Moving to different sizes on a sample part is now 10 times faster than with a standard micrometer.



INTRODUCTORY PRICE

\$567

ORDER NO. 4157120



REFERENCE

Order No.	Model	List Price	Measuring Range	Resolution	Error Limit	Spindle Thread Pitch	Measuring Force
4157120	40 EWri-L	\$567	0 - 25 mm / 0 - 1 in	0,001 mm / 0.00005 in	2 µm	0,5 mm	5 N - 10 N
4157121		\$618	25 mm - 50 mm / 1 in - 2 in				
4157122		\$670	50 mm - 75 mm / 2 in - 3 in		3 µm		
4157123		\$737	75 mm - 100 mm / 3 in - 4 in				

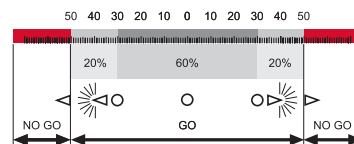
Micromar 40 EWR-L Digital Micrometer with Quick Drive Spindle and Wired MarConnect Output



INTRODUCTORY PRICE

\$541

ORDER NO. 4157020



REFERENCE

Order No.	Model	List Price	Measuring Range	Resolution	Error Limit	Spindle Thread Pitch	Measuring Force
4157020	40 EWR-L	\$541	0 - 25 mm / 0 - 1 in	0,001 mm / 0.00005 in	2 µm	0,5 mm	5 N - 10 N
4157021		\$593	25 mm - 50 mm / 1 in - 2 in				
4157022		\$644	50 mm - 75 mm / 2 in - 3 in		3 µm		
4157023		\$706	75 mm - 100 mm / 3 in - 4 in				

Micromar 40 EWri Digital Micrometer

Wireless data transmission capability is integrated within the Micromar digital micrometer using proven wireless technology. With an extra large display, these micrometers are easy-to-read and include a number of advanced features such as a reference system that retains the zero position setting, absolute reading for comparative measurements, tolerance indicators to qualify parts, a lock feature to prevent user error and a hold feature to retain the measured value.

INTRODUCTORY PRICE

\$360

ORDER NO. 4157100







IP65



MarConnect
Integrated Wireless



ABS
System



TOL

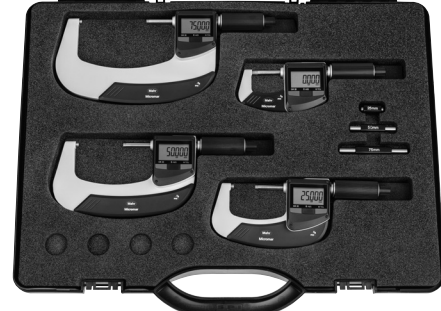
Order No.	Model	List Price	Measuring Range	Resolution	Error Limit	Spindle Thread Pitch	Measuring Force
4157100	40 EWri	\$360	0 - 25 mm / 0 - 1 in	0,001 mm / 0.00005 in	2 µm	0,5 mm	5 N - 10 N
4157101		\$432	25 mm - 50 mm / 1 in - 2 in		3 µm		
4157102		\$566	50 mm - 75 mm / 2 in - 3 in		6 µm		
4157103		\$617	75 mm - 100 mm / 3 in - 4 in		7 µm		
4157104		\$814	100 mm - 125 mm / 4 in - 5 in				
4157105		\$840	125 mm - 150 mm / 5 in - 6 in				
4157106		\$866	150 mm - 175 mm / 6 in - 7 in				
4157107			175 mm - 200 mm / 7 in - 8 in				


Micromar 40 EWri Digital Micrometer Set

INTRODUCTORY PRICE


\$1,960

ORDER NO. 4157115







IP65



MarConnect
Integrated Wireless



ABS
System

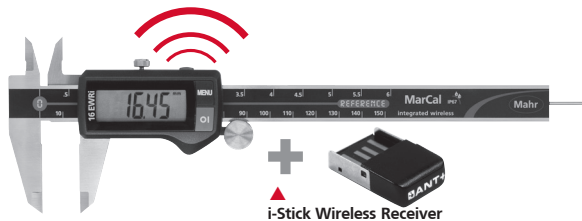


TOL

Order No.	Model	List Price	Measuring Range	Resolution	Number of Micrometers	Spindle Thread Pitch	Measuring Force
4157115	40 EWri	\$1,960	0 - 100 mm / 0 - 4 in	0,001 mm / 0.00005 in	4	0,5 mm	5 N - 10 N

MarCal 16 EWri Wireless Kit

Wireless data transmission capability is integrated within MarCal digital calipers using proven wireless technology. These calipers are easy-to-read, with a large clear digital display, and include a number of advanced features such as lapped guideways, a reference system that retains the zero position setting and a number of product options and accessories.



PROMO PRICE
\$354
LIST PRICE
\$416
ORDER NO. 2121610



REFERENCE



-15%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Depth Rod		Friction Wheel
2121610*	\$416	\$354	150 mm / 6 in	0,01 mm / 0.0005 in			
2121611*							

* Starter set includes an i-Stick wireless receiver

MarCal 16 EWri Digital Caliper
























PROMO PRICE
\$207
LIST PRICE
\$243
ORDER NO. 4103400

REFERENCE



-15%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod			Friction Wheel	
4103400	\$243	\$207	150 mm / 6 in	0,01 mm / 0.0005 in	0,03 mm / 0.001 in					
4103401										
4103402										
4103403										
4103404	\$281	\$239	200 mm / 8 in		0,04 mm / 0.0015 in					
4103405										
4103406	\$421	\$358	300 mm / 12 in			0,04 mm / 0.0015 in				
4103407										

MarConnect i-Stick Wireless Receiver for Measuring Instruments with Integrated Wireless

The MarConnect i-Stick is a wireless receiver for Mahr's measuring instruments. You can transfer your measured values directly to your PC via proven wireless technology with the i-Stick.

PROMO PRICE
\$148
LIST PRICE
\$174

ORDER NO. 4102220

-15%



Order No.	4102220
List Price	\$174
Promo Price	\$148
Includes	USB Wireless Receiver for Mahr Measuring Instruments
Channels	3
Connectable Devices with Integrated Wireless	8 per i-Stick
Radio Frequency MHz	2400
Wireless Range	Up to 6 m / 19.6 ft
For Measuring Instruments	MarCal 16 EWri / 30 EWri ; Micromar 40 EWri / 40 EWri-L MarCator 1086 Ri / 1087 Ri / 1087 BRi

MarCom Professional 5.2 Software Interface

MarCom Professional 5.2 Software transfers measuring values directly into MS Excel or via a keyboard code into any Windows® program or SPC software using a virtual interface box.



Order No.	4102212
List Price	\$427
Promo Price	FREE
Connected Wireless Receivers for the i-Stick	4
Connectable Devices with Integrated Wireless	32
Connected Wireless Receivers for the e-Stick	1
Connectable Sender Modules for the e-Stick	8
Connected Wireless Receivers FM 2	1
Connectable Sender Modules for the Wireless Receivers FM 2	100
Devices to be Connected with a USB Interface	128
Connectable USB Foot Switches	128
Devices to be Connected with an RS232C Interface	2
Virtual Interface Boxes (8 Inputs)	4

PROMO PRICE

FREE

LIST PRICE

\$427

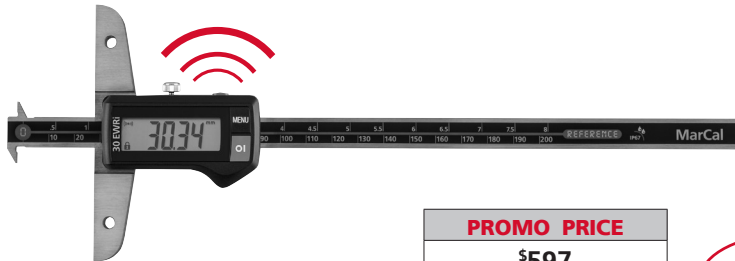
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MarCal 30 EWri-D Digital Depth Gage

The 30 EWri-D is a digital depth gage with hook contacts to read depths from the top or the bottom.



REFERENCE



PROMO PRICE

\$597

LIST PRICE

\$703

ORDER NO. 4126533

-15%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit
4126533	\$703	\$597	0 - 200 mm / 0 - 8 in	0,01 mm / 0.0005 in	0,03 mm
4126534	\$876	\$745	0 - 300 mm / 0 - 12 in		0,04 mm

MarCal 30 EWri-N Digital Depth Gage

The 30 EWri-N is a versatile depth gage with interchangeable contact for various depth applications.



REFERENCE



PROMO PRICE

\$683

LIST PRICE

\$803

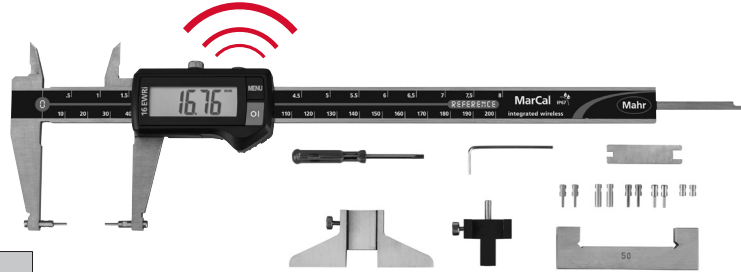
ORDER NO. 4126532

-15%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit
4126532	\$803	\$683	0 - 100 mm / 0 - 4 in	0,01 mm / 0.0005 in	0,03 mm

MarCal 16 EWR-V/16 EWRi-V Digital Universal Caliper

The MarCal 16 EWRi-V is a versatile precision measuring kit which can be employed in production. The kit contains interchangeable contacts to meet virtually any measurement application. The Ri-V incorporates the Integrated Wireless transmitter.



PROMO PRICE

\$513

LIST PRICE

\$603

ORDER NO. 4118807

-15%

REFERENCE



Order No.	List Price	Promo Price	Measuring Range	Resolution	Depth Rod	Wireless
4118807	\$603	\$513	0 - 200 mm / 0 - 8 in	0,01 mm / 0.0005 in	Rectangular	
4118907	\$696	\$592				X

MarCal 30 EWRi Digital Depth Gage

The 30 EWRi digital depth gage ensures reliable results due to its rigid design and versatile contact.



PROMO PRICE

\$528

LIST PRICE

\$621

ORDER NO. 4126755

-15%

REFERENCE



Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit
4126755	\$621	\$528	0 - 150 mm / 0 - 6 in	0,01 mm / 0.0005 in	0,03 mm
4126754	\$669	\$569	0 - 200 mm / 0 - 8 in		0,04 mm
4126756	\$726	\$617	0 - 300 mm / 0 - 12 in		0,05 mm
4126757	\$867	\$737	0 - 500 mm / 0 - 20 in		

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MarCator 1086 R/1086 Ri Digital Indicators

The 1086 digital indicators with fixed resolution incorporate the reference system which automatically stores the zero position for further measurements. All 1086 digital indicators come standard with MarConnect. If you need to document your data, we have digital indicators which offer Integrated Wireless data transmission, the optimal solution for transmitting your measured values to a PC.



PROMO PRICE

\$326

LIST PRICE

\$383

ORDER NO. 4337130

-15%

REFERENCE



Order No.	Model	List Price	Promo Price	Measuring Range	Resolution	Wireless
4337130	1086 R	\$383	\$326	12,5 mm / 0.5 in	0,01 mm / 0.0005 in	
4337131		\$500	\$425	25 mm / 1 in		
4337132		\$833	\$709	50 mm / 2 in		
4337133		\$1,100	\$935	100 mm / 4 in		
4337134	1086 Ri	\$441	\$375	12,5 mm / 0.5 in		X
4337135		\$515	\$438	25 mm / 1 in		X

Note: all indicators with 8 mm stem diameter

MarCator 1086 R/1086 Ri/1086 WR/1086 WRi Digital Indicators

The 1086 digital indicators with selectable resolution offer large display and wet proof models, and incorporate the reference system which automatically stores the zero position for further measurements. All 1086 digital indicators come standard with MarConnect. If you need to document your data, we have digital indicators which offer Integrated Wireless data transmission, the optimal solution for transmitting your measured values to a PC.

PROMO PRICE
\$402
LIST PRICE
\$473

ORDER NO. 4337620

-15%



REFERENCE



Order No.	Model	List Price	Promo Price	Measuring Span	Resolution	Wireless	Wet Proof
4337620	1086 R	\$473	\$402	12,5 mm / 0.5 in	0,0005 mm, 0,001 mm, 0,002 mm, 0,005 mm, 0,01 mm / 0.00002 in, 0.00005 in, 0.0001in, 0.0002 in, 0.0005 in		
4337621		\$558	\$474	25 mm / 1 in			
4337622		\$935	\$795	50 mm / 2 in			
4337623		\$1,180	\$999	100 mm / 4 in			
4337650*	1086 ZR	\$473	\$402	12,5 mm / 0.5 in			
4337651*		\$558	\$474	25 mm / 1 in			
4337624	1086 Ri	\$531	\$451	12,5 mm / 0.5 in		X	
4337625		\$595	\$506	25 mm / 1 in		X	
4337626		\$972	\$826	50 mm / 2 in		X	
4337627		\$1,200	\$1,016	100 mm / 4 in		X	
4337628**		\$611	\$519	25 mm / 1 in		X	
4337640	1086 WR	\$585	\$497	12,5 mm / 0.5 in			X
4337641		\$636	\$541	25 mm / 1 in			X
4337142	1086 WRi	\$627	\$533	12,5 mm / 0.5 in		X	X
4337143		\$691	\$587	25 mm / 1 in		X	X

Note: all indicators with 8 mm stem diameter, * 3/8 in stem diameter, ** No gaging spring

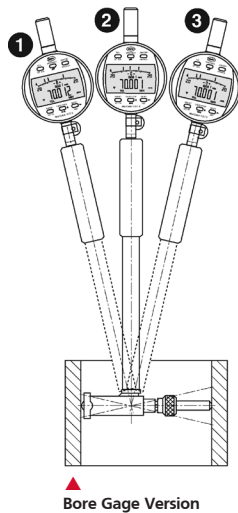
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WINTER MAHRLIGHTS

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MarCator 1087 R/1087 ZR/1087 Ri/1087 BR/1087 BRi Digital Indicators

The 1087 digital indicators, with dynamic capabilities and analog bar graph, provide easy readings of MIN/MAX/MAX-MIN conditions and incorporate the reference system which automatically stores the zero position for further measurements. All 1087 digital indicators come standard with MarConnect. If you need to document your data, we have digital indicators which offer Integrated Wireless data transmission, the optimal solution for transmitting your measured values to a PC. The BR version is specifically designed for adjustable bore gage use and greatly enhances operator usability.



PROMO PRICE
\$479
LIST PRICE
\$563
ORDER NO. 4337660

-15%

REFERENCE



Order No.	Model	List Price	Promo Price	Measuring Range	Resolution	Wireless	Bore Gage Version
4337660	1087 R	\$563	\$479	12,5 mm / 0.5 in	0,0005 mm, 0,001mm, 0,002 mm, 0,005 mm, 0,01 mm/ 0.00002 in, 0.00005 in, 0.0001 in, 0.0002 in, 0.0005 in		
4337661		\$648	\$551	25 mm / 1 in			
4337670*	1087 ZR	\$563	\$479	12,5 mm / 0.5 in			
4337666	1087 R	\$1,030	\$875	50 mm / 2 in			
4337671*	1087 ZR	\$648	\$551	25 mm / 1 in			
4337663	1087 Ri	\$611	\$519	12,5 mm / 0.5 in		X	
4337665		\$719	\$611	25 mm / 1 in		X	
4337667		\$1,110	\$942	50 mm / 2 in		X	
4337662	1087 BR	\$648	\$551	12,5 mm / 0.5 in			X
4337664	1087 BRi	\$717	\$609			X	X

Note: all indicators with 8 mm stem except * 3/8 in stem diameter

MarCal 16 ER Digital Caliper

The MarCal 16 ER features a new ergonomic design with lapped guideways - perfect for your daily measurement needs. Supplied with a case, battery and operating instructions.

PROMO PRICE
\$121
LIST PRICE
\$134

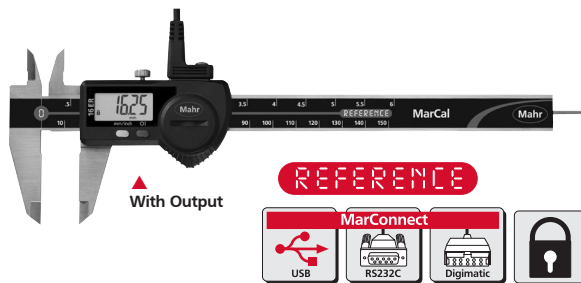
ORDER NO. 4103010




-10%

PROMO PRICE
\$149
LIST PRICE
\$165

ORDER NO. 4103014

-10%



Order No.	List Price	Promo Price	Measuring Range	Type	Error Limit G	Depth Rod		Friction Wheel
4103010	\$134	\$121	150 mm / 6 in	Without Output	0,03 mm / 0.001 in			
4103011						•		•
4103012							•	
4103013							•	•
4103205	\$206	\$185	200 mm / 8 in		•			
4103206					•		•	
4103207	\$309	\$278	300 mm / 12 in		0,04 mm / 0.0015 in			
4103208								•
4103014	\$165	\$149	150 mm / 6 in	With Output	0,03 mm / 0.001 in	•		
4103015						•		•
4103018	\$224	\$202	200 mm / 8 in			•		
4103020	\$351	\$316	300 mm / 12 in		0,04 mm / 0.0015 in			
4103016	\$165	\$149	150 mm / 6 in		0,03 mm / 0.001 in		•	
4103017							•	•
4103019	\$224	\$202	200 mm / 8 in			•	•	
4103021	\$351	\$316	300 mm / 12 in		0,04 mm/ 0.0015 in			•

Note: resolution is 0,01 mm / 0.0005 in for all calipers

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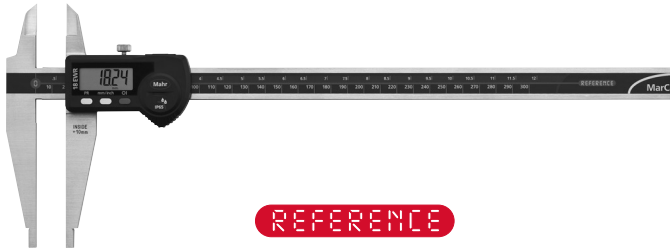
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MarCal 18 EWR Digital Caliper

The heavy duty 18 EWR digital caliper provides extended measuring range for those applications where a standard caliper won't do.



PROMO PRICE

\$666

LIST PRICE

\$740

ORDER NO. 4112704

REFERENCE



-10%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Details
4112704	\$740	\$666	300 mm / 12 in	0,01 mm / 0.0005 in	With Measuring Blades for External Dimensions
4112712	\$1,410	\$1,269	500 mm / 20 in		
4112705	\$684	\$616	300 mm / 12 in		Without Measuring Blades for External Dimensions
4112713	\$1,270	\$1,140	500 mm / 20 in		

Digimar 814 SR Height Measuring and Scribing Instruments

For fast height measuring or scribing applications when used on granite plate bases. With its rapid drive and large digital display, direct or comparative readings are fast and simple.



PROMO PRICE

\$869

LIST PRICE

\$965

ORDER NO. 4426100

REFERENCE



-10%

Order No.	List Price	Promo Price	Measuring Range	Resolution
4426100	\$965	\$869	0 - 350 mm / 0 - 14 in	0,01 mm / 0.0005 in
4426101	\$1,410	\$1,269	0 - 600 mm / 0 - 24 in	

MarCal 16 EWR Digital Caliper with IP67 Rating

The MarCal 16 EWR features a new ergonomic design with lapped guideways and larger display. This digital caliper offers IP67 protection against dust, coolants and lubricants, extended three year battery life, and an innovative zero reference system, which automatically stores the zero position for further measurements. Available for next day delivery.

PROMO PRICE
\$162
LIST PRICE
\$191

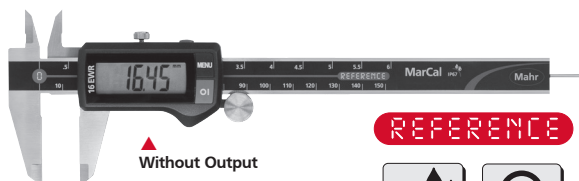
ORDER NO. 4103300

-15%

PROMO PRICE
\$194
LIST PRICE
\$228

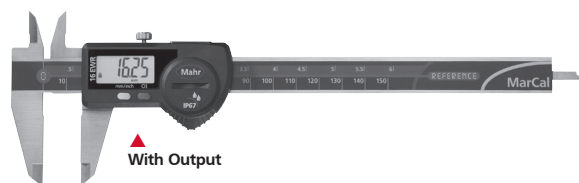
ORDER NO. 4103064

-15%



Without Output




REFERENCE



With Output

REFERENCE



Order No.	List Price	Promo Price	Measuring Range	Type	Error Limit G	Depth Rod		Friction Wheel
								
4103300	\$191	\$162	150 mm / 6 in	Without Output	0,03 mm / 0.001 in	•		
4103302							•	
4103301						•		•
4103303							•	•
4103304	\$253	\$215	200 mm / 8 in		•			
4103305					•		•	
4103306	\$371	\$315	300 mm / 12 in		0,04 mm / 0.0015 in			
4103307							•	
4103064	\$228	\$194	150 mm / 6 in	With Output	0,03 mm / 0.001 in	•		
4103066							•	
4103065						•		•
4103067							•	•
4103068	\$264	\$224	200 mm / 8 in			•		
4103069						•	•	
4103070	\$395	\$336	300 mm / 12 in		0,04 mm / 0.0015 in			
4103071							•	

Note: resolution is 0,01 mm / 0.0005 in for all calipers

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Micromar 40 ER Digital Micrometer

The Micromar 40 ER is a micrometer that incorporates an extra large display that is easy-to-read, a reference system that retains the zero position setting and a lock feature to prevent user error.



INTRODUCTORY PRICE

\$205

ORDER NO. 4157010

REFERENCE



Order No.	Model	List Price	Measuring Range	Resolution	Error Limit	Spindle Thread Pitch	Measuring Force	Standard
4157010	40 ER	\$205	0 - 25 mm / 0 - 1 in	0,001 mm / 0.00005 in	2 μ m	0,5 mm	5 N - 10 N	Factory Standard

Micromar 40 EWR Digital Micrometer

The Micromar 40 EWR micrometer, with IP65 protection, incorporates an extra large display, a reference system that retains the zero position setting, absolute reading for comparative measurements and a lock feature to prevent user error.



INTRODUCTORY PRICE

\$268

ORDER NO. 4157011

REFERENCE



Order No.	Model	List Price	Measuring Range	Resolution	Error Limit	Spindle Thread Pitch	Measuring Force	Standard
4157011	40 EWR	\$268	0 - 25 mm / 0 - 1 in	0,001 mm / 0.00005 in	2 µm	0,5 mm	5 N - 10 N	Factory Standard
4157012		\$371	25 mm - 50 mm / 1 in - 2 in					
4157013		\$459	50 mm - 75 mm / 2 in - 3 in		3 µm			
4157014		\$514	75 mm - 100 mm / 3 in - 4 in					

Micromar 40 EWR Digital Micrometer

The NEW Micromar 40 EWR micrometer with data output incorporates an extra-large display, a reference system that retains zero position setting and lock feature to prevent user error. It also incorporates new MarConnect data output where data collection is selected by cable – either USB, RS-232C, or Digimatic.



INTRODUCTORY PRICE

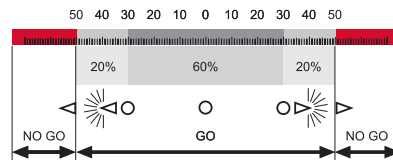
\$351

ORDER NO. 4157000



Shown with optional stand 41 H

REFERENCE



Order No.	Model	List Price	Measuring Range	Resolution	Error Limit	Spindle Thread Pitch	Measuring Force
4157000	40 EWR	\$351	0 - 25 mm / 0 - 1 in	0,001 mm / 0.00005 in	2 μm	0,5 mm	5 N - 10 N
4157001		\$418	25 mm - 50 mm / 1 in - 2 in				
4157002		\$546	50 mm - 75 mm / 2 in - 3 in		3 μm		
4157003		\$603	75 mm - 100 mm / 3 in - 4 in				
4157004		\$788	100 mm - 125 mm / 4 in - 5 in		6 μm		
4157005		\$813	125 mm - 150 mm / 5 in - 6 in				
4157006		\$840	150 mm - 175 mm / 6 in - 7 in		7 μm		
4157007		\$861	175 mm - 200 mm / 7 in - 8 in				

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WINTER MAHLIGHTS

Mahr 17

MarTest® 801 S1/S/SG/SGi Test Indicators Standard Version

Mahr is one of the leading global producers of test indicators. The sensitive computer-optimized shockproof mechanism of the test indicator ensures maximum precision. MarTest's sealed dial makes it impervious to liquids, ideal for use in workshop conditions. With the MarTest series of test indicators, not only is there a broad product range, but also a wide variety of accessories available.



PROMO PRICE
\$160
LIST PRICE
\$178
ORDER NO. 4305960



-10%

Order No.	List Price	Promo Price	Measuring Range	Reading	Dial Diameter	Length of Styli
4305960	\$178	\$160	± 0.015 in	0.001 in	1.1 in	0.57 in
4305950	\$191	\$172		0.0005 in	1.5 in	
4307950	\$212	\$191				
4307970	\$185	\$167	± 0,3 mm / ± 0.015 in	0,01 mm / 0.0005 in		

MarTest 801 SGM Test Indicators for High Accuracy Measurement



PROMO PRICE
\$219
LIST PRICE
\$243
ORDER NO. 4308970



-10%

Order No.	List Price	Promo Price	Measuring Range	Reading	Dial Diameter	Length of Styli
4308970	\$243	\$219	± 0.004 in	0.0001 in	1.5 in	0.57 in

MarTest 801 SL/SGL Test Indicators with Long Contact Point

PROMO PRICE
\$199
LIST PRICE
\$234

ORDER NO. 4306950

-15%



Order No.	List Price	Promo Price	Measuring Range	Reading	Dial Diameter	Length of Styli
4306950	\$234	\$199	± 0.010 in	0.0005 in	1.1 in	1.62 in
4306960	\$266	\$226			1.5 in	

MarTest 801 V/VGM Test Indicators Vertical Model

PROMO PRICE
\$201
LIST PRICE
\$236

ORDER NO. 4302950

-15%



Order No.	List Price	Promo Price	Measuring Range	Reading	Dial Diameter	Length of Styli
4302950	\$236	\$201	0.015 in	0.0005 in	1.1 in	0.57 in
4302960	\$266	\$226	0.004 in	0.0001 in	1.5 in	

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WINTER MAHRLIGHTS

Mahr 19

ANSI/AGD Group 2 Precision Dial Indicators

Mahr dial indicators have been the standard of the industry for nearly 100 years. We manufacture and control our gears and pinions for maximum performance and accuracy. These AGD Group 2 indicators are some of our most popular and are used in a wide range of dimensional gage applications.



PROMO PRICE
\$166
LIST PRICE
\$196

ORDER NO. 2011049

-15%

Order No.	List Price	Promo Price	Measuring Range	Graduation Value	Dial Style	Range per Revolution
2015781	\$270	\$229	0.025 in	0.0001 in	0-5-0	0.010 in
2011049	\$196	\$166	0.250 in	0.001 in	0-50-0	0.100 in
2014699	\$212	\$180	0.500 in		0-100	
2014698			1.000 in			

MarStand 815 MG Indicator Stand with Magnetic Base

The 815 MG stand is a 3D indicator stand which can reach any position within its operating range in conjunction with a very powerful ON/OFF magnet.



PROMO PRICE
\$198
LIST PRICE
\$233

ORDER NO. 4420350

-15%

Order No.	List Price	Promo Price	Fine Adjustment Range	Total Height	Projection (Max.)	Magnetic Force
4420350	\$233	\$198	2 mm / 0.078 in	224 mm / 8.818 in	130 mm / 5.118 in	300 N
4420360	\$261	\$222		316 mm / 12.440 in	200 mm / 7.784 in	800 N
4420370	\$316	\$269		401 mm / 15.787 in	280 mm / 9.8425 in	
4420380	\$595	\$506	5 mm / 0.19 in	444 mm / 17.480 in	330 mm / 12.992 in	1000 N

Micromar 40 F Micrometer with Dial Comparator

The Micromar 40 F is an ideal micrometer for direct reading and can also be used as a high resolution comparator for fast qualification of high volume part runs.

PROMO PRICE
\$867
LIST PRICE
\$1,020

ORDER NO. 4150000

-15%



DIN
863-3

Order No.	List Price	Promo Price	Measuring Range	Reading Comparator	Spindle Thread Pitch
4150000	\$1,020	\$867	0 - 25 mm	0,001 mm	0,5 mm
4150001	\$1,190	\$1,012	25 mm - 50 mm		
4150900	\$1,120	\$867	0 - 1 in	0.00005 in	0.25 in
4150901	\$1,190	\$1,012	1 in - 2 in		

Micromar 40 A Micrometer

The Micromar 40 A is the standard for everyday mechanical micrometer applications.

PROMO PRICE
\$71
LIST PRICE
\$84

ORDER NO. 4134000

-15%



DIN
863-1

Order No.	List Price	Promo Price	Measuring Range	Reading	Spindle Thread Pitch
4134000	\$84	\$71	0 - 25 mm	0,01 mm	0,5 mm
4134900			0 - 1 in	0.0001 in	0.025 in

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WINTER MAHLIGHTS

Mahr

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Millimar C 1700 PC Gaging Computer

The Millimar C 1700 PC is a small but powerful PC based gaging computer with Mahr Cockpit Software preloaded and ready to begin providing simple and complex measurement solutions. With its 250 mm / 10 in touch screen display, the system is easy to set up and use at the point of part manufacture.



INTRODUCTORY PRICE

\$3,090

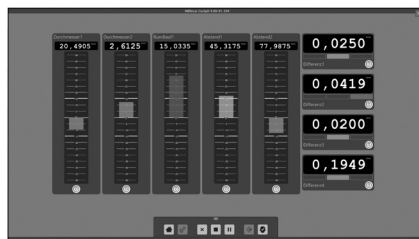
ORDER NO. 5312801



Order No.	Model	Introductory Price	Display	Range of Analog Display
5312801	C 1700 PC	\$3,090	Vertical bar graph, horizontal bar graph, analog display or round scale, digital display and any combination of display types can be chosen for each feature.	$\pm 10000 \mu\text{m}$, $\pm 5000 \mu\text{m}$, $\pm 2000 \mu\text{m}$, $\pm 1000 \mu\text{m}$, $\pm 500 \mu\text{m}$, $\pm 200 \mu\text{m}$, $\pm 100 \mu\text{m}$, $\pm 50 \mu\text{m}$, $\pm 20 \mu\text{m}$, $\pm 10 \mu\text{m}$

Millimar Cockpit Measuring Software

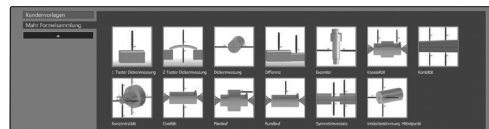
Millimar Cockpit Software is Mahr's powerful MarWin based gaging computer software. Easily create customer-gaging equations through its easy-to-use configurator or simply select from a tool box of preprogrammed measuring tasks. Use with MarWin gaging modules to take inputs from LVDT or pneumatic probes and control remote devices with I/O modules. Basic classification, various output modes and measuring sequencing is included.



INTRODUCTORY PRICE

\$1,030

ORDER NO. 5312800



Order No.	Model	Introductory Price	Display
5312800	Cockpit	\$1,030	Vertical bar graph, horizontal bar graph, analog display or round scale, digital display and any combination of display types can be chosen for each feature.

Millimar N 1701 USB

USB Connecting Module

Order No.	5331130
Introductory Price	\$176
Data Interface	RS485
Current Supply	430 mA



Millimar N 1701 PS

Power Supply Module

Order No.	5331133
Introductory Price	\$243
Data Interface	RS485
Current Supply	2000 mA
Energy Supply	30 V/115 V; 50/60 Hz



Millimar N 1702 M Module for Inductive Probes

Order No.	5331120
Introductory Price	\$490
Resolution	0,1 μm / 5 μin
Measuring Range, Inductive Probe	$\pm 2000 \mu\text{m}$, $\pm 5000 \mu\text{m}$ / $\pm 0.078 \mu\text{in}$, $\pm 0.197 \mu\text{in}$
Compatibility	Mahr, Mahr 1340, Mahr half-bridge, Mahr LVDT, Mahr VLDT
Data Transmission Rate	4189 baud
Error Limit	0.3% (min. 0,2 μm)



Millimar N 1704 I/O

I/O Module

Order No.	5331134
Introductory Price	\$340
Data Interface	RS485
Current Consumption	70 mA
Control Inputs	4 inputs, 10 – 30 V
Control Outputs	4 outputs, 10 – 30 V 1 amp per channel, ESD protected, short-circuit proof



Millimar N 1701 M PF-2500/5000

Module for Air Tooling

Order No.	5331155
Introductory Price	\$819
Compatibility	Mahr Federal 2500:1 and 5000:1
Measuring Range	$\pm 76,5 \mu\text{m}$ / \pm 0.0015 μin
Error Limit	0.5-1%



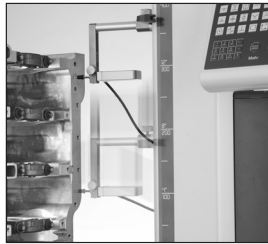
Note: Requires filter/regulator kit below

Accessories

Order No.	2258471	4102058
Introductory Price	\$324	\$152
Item	Air Filter Regulator Kit for up to 3 Air Modules	Foot Switch to Trigger Data Transmission

Digimar 817 CLM Height Measuring Instrument

The Digimar 817 CLM offers a wide range of measurement applications in both 1D and 2D, including dynamic measurement functions with analog display such as MAX, MIN and MAX/MIN. Operation is easy, with self-explanatory ISO standard icons, operator prompts and menus in several different languages.



▲ Optional Accessory for Squareness Checks

PROMO PRICE

\$6,784

LIST PRICE

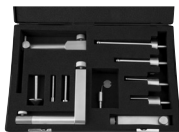
\$8,480

ORDER NO. 4429010

-20%



Order No.	4429010	4429011	4429012
List Price	\$8,480	\$9,020	\$16,080
Promo Price	\$6,784	\$7,216	\$12,864
Measuring Range	0 - 350 mm / 0 - 14 in	0 - 600 mm / 0 - 24 in	0 - 1000 mm / 0 - 40 in
Range of Application	520 mm / 20.47 in	770 mm / 30.31 in	1170 mm / 46.06 in
Resolution	0,01 mm, 0,005 mm, 0,001 mm, 0,0005 mm, 0,0001 mm / 0.001 in, 0.0005 in, 0.0001 in, 0.00005 in, 0.00001 in		
Error Limit	(1,8 + L/600) L in mm		
Repeatability: Bore	1 µm		
Repeatability: Plane	0,5 µm		
Perpendicularity Error in µm	≤5 µm	≤6 µm	≤10 µm
Operating Time Max.	Up to 12 hours		
Measuring Force	1.0 +/-0.2 N		
Permissible Relative Air Humidity Non-Condensed	65%		
Working Temperature	20 °C / 68 °F		
Operating Temperature	10 °C - 40 °C / 50 °F - 104 °F		



▲ Digimar Probe Accessory Set

-20%

Order No.	4429018	4429019
List Price	\$1,210	\$1,750
Promo Price	\$965	\$1,400
Probe Set	817 ts2	817 ts1

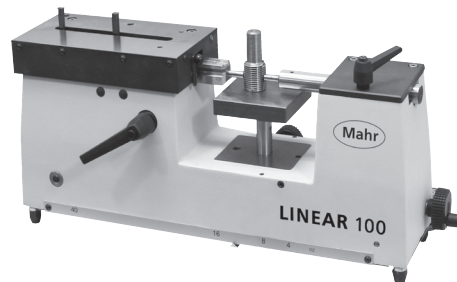
Precimar® Linear 100 Universal Single-Axis Length Measurement Instrument

Linear 100 is a universal, user-friendly length measuring instrument for rapid, precise internal and external measurements up to 100 mm (4 in), directly in the manufacturing environment. The unit's simple design makes it possible to carry out measurements in no time at all and adapt quickly to new measurement tasks.

PROMO PRICE
\$12,665
LIST PRICE
\$14,900

ORDER NO. 5357301

-15%



Order No.	5357301
List Price	\$14,900
Promo Price	\$12,665
Measuring Range (External)	Up to 50 mm / 2 in
Application Range (External)	Up to 100 mm / 4 in
Application Range (Internal)	15 mm to 100 mm (0.59 in to 4 in)
Additional Option	6 mm to 100 mm (0.24 in to 4 in)



Optimar 25 Long Range Indicator Calibrator

A precision benchtop instrument, the OPTIMAR 25 can be used for the calibration of a wide variety of precision measuring instruments. The OPTIMAR 25 Calibrator is capable of measuring to many National Standards and comes with a large MarCheck LCD monochrome digital display with background illumination and clearly readable 13 mm/0.512 in high digits.

PROMO PRICE
\$7,275
LIST PRICE
\$8,559

ORDER NO. 2062722

-15%

Order No.	2062722
List Price	\$8,559
Promo Price	\$7,275
Range	25 mm / 1 in
Resolution	0,0001 mm, 0,0005 mm, 0,001 mm, 0,005 mm, 0,01 mm, 0,1 mm / 0,000005 in, 0,00001 in, 0,00005 in, 0,0001 in, 0,0005 in, 0,001 in
Accuracy	± 0,2 µm (± 10 µin)
Display Power	110V - 60Hz, 240V - 50Hz



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WINTER MAHLIGHTS

Mahr 25

MarSurf PS 10

The MarSurf PS 10 is a practical roughness measuring unit for mobile use. Using a smartphone-like 4.3 in TFT touch screen display, operation is fast, intuitive and user-friendly. Our next generation MarSurf PS 10 measures 31 roughness parameters, incorporates a removable drive and provides laboratory level performance on the shop floor.



PROMO PRICE

\$2,600

LIST PRICE

\$2,890

-10%

**ORDER NO. 6910230 &
6910232**

Order No.	6910230	6910232
List Price	\$2,890	
Promo Price	\$2,600	
Measuring Principle	Skid Probe System	
Number of Parameters	31 (DIN/ISO, JIS, ASME, MOTIF)	
Measuring Range	350 μm / 0.014 μin	
Profile Resolution	8 μm / 3 μin	
Internal Memory	3,900 Profiles, 1500 PDF Files, 500,000 Results, Memory can be Extended with Micro SD-Card up to 32 GB	
Description	PS 10 Kit with 2 μm Probe Tip	PS 10 Kit with 5 μm Probe Tip

MarSurf PS 10 C2 with Traverse Drive



PROMO PRICE

\$3,420

LIST PRICE

\$3,800

ORDER NO. 6910235

-10%

Order No.	6910235
List Price	\$3,800
Promo Price	\$3,420
Stylus	2 μm
Traverse Length Lt According to ISO/JIS	1,5 mm, 4,8 mm, N x Lc, Variable, Automatic
Traverse Length According to 12085 (MOTIF)	1 mm, 2 mm, 4 mm
Evaluation Length According to ISO/JIS	1,25 mm, 4,0 mm

MarSurf M 400 Fast, Easy, Innovative - Wireless Connectivity between Drive and Controller

Both in the measuring room and production area, there is a need for surface evaluation requiring skidless tracing. This generally requires a higher degree of skilled operators, work alignment and time. The MarSurf M 400 has the necessary functions and features for the most demanding measurements, while being quick and easy to use. Wireless connectivity increases versatility and portability.

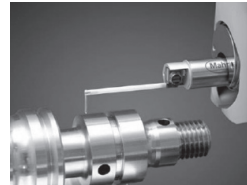
PROMO PRICE
\$9,440
LIST PRICE
\$10,490

ORDER NO. 6910404 &
6910412

-10%



MarSurf M 400 C Fast, Easy, Innovative - Wired Drive and Controller



Order No.	6910404	6910412
List Price	\$10,490	
Promo Price	\$9,440	
Product	M 400	M 400 C
Measuring Principle	Stylus Method	
Probe	BFW Skidless System	
Measuring Range	± 250 µm (up to ± 750 µm with 3x probe arm length)	
Profile Resolution	Measuring range +/- 250 µm: 8 nm Measuring range +/- 25 µm: 0.8 nm	
Filter According to ISO/JIS	Gaussian filter as per ISO 11562 Filter as per ISO 13565	
Number n of Sampling Length According to ISO/JIS	1 - 5	
Contacting Speeds	0,2 mm/s; 1,0 mm/s	
Measuring Force (N)	5 mN	
Weight Drive Unit	Approximately 0,9 kg	
Weight Measuring Instrument	Approximately 1,0 kg	
Surface Parameters	Over 50 surface parameters for R, P and W profiles according to current ISO/JIS or MOTIF standards (ISO 12085)	

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WINTER MAHLIGHTS

Mahr

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