

# MAHR SPOTLIGHTS

5|2016



**Mahr Federal Inc.** 1144 Eddy Street, Providence, RI 02905  
1-800-343-2050 · www.mahr.com

 <b>DIGIMAR 817 CLM</b>	 <b>MICROMAR 40 ER</b>	 <b>300P SNAP GAGE</b>
 <b>MARVISION MM 320</b>	 Sign up to receive "Tips" from Mahr's Gaging Guru	 <b>MARVISION QM 300</b>
 <b>MARCAL 16 EWRI</b>	 <b>MARSURF® PS 1</b>	

Promotion prices valid from May 16<sup>th</sup> through August 31<sup>st</sup> 2016

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CHRONOLOGY OF DIGIMAR HEIGHT MEASURING INSTRUMENTS - 40 YEARS

Pocket Surf® PS1 The Portable Surface Roughness Measuring Instrument

**1976**  
Digital height measuring instrument Digimar 817 from 1980. The first height measuring instrument with an integrated microcomputer and digital display.

**1990**  
Digital height measuring instrument Digimar 817 CI from 1990. Programmable height measuring instrument with an interface for evaluation instruments.

**1996**  
Digital height measuring instrument Digimar CX1 from 1996. Programmable, battery-powered height measuring instrument with the operating and evaluation unit DX1.



*Mahr is celebrating 40 years of manufacturing height gages. Recognized for quality, reliability and ease-of-use, Digimar height measuring instruments are equally known for highly accurate and rapid measurements, as well as a wide range of measuring and evaluation options and excellent operator comfort.*

Receive 'Tips' from Mahr's Gaging Guru: [www.mahr.com/gagingtips](http://www.mahr.com/gagingtips). If you sign up during the promotion period, you will have a chance to win a Quality Gaging Tips book written by George Schuetz.

The Pocket Surf PS1 can measure more than 24 surface finish parameters with its high resolution inductive probe, and offers a host of features including memory, USB connectivity, optional PC software, and a large measuring range for a wide variety of applications. Its portability and versatility makes this an excellent starter instrument, in addition to being a very handy tool.



PROMO PRICE

\$2,160

ORDER NO. 6910214P

**-20%**

Order No.		6910214P
List Price		\$2,700
Promo Price		\$2,160
Measuring Range	µm	350
Parameters		Ra, Rq, Rz (Ry (JIS) entspr. Rz), Rz (JIS), Rmax, Rp, RpA (ASME), Rpm (ASME), Rpk, Rk, Rvk, Nr1, Nr2, A1, A2, Vo, Rt, R3z, Rpc, Rmr (tp (JIS, ASME) entspr. Rmr), RSm, RSk, S, CR, CF, CL, R, Ar, Rx
Stylus Tip	µm	5 µm
Calibration Function		Dynamic, Ra, Rz, Rsm
Memory		Store up to max. 40,000 Results and max. 30 Profiles
Dimensions H x W x TD	mm/in	140 x 50 x 70 (5.51" x 1.96" x 2.75")
Weight	kg / lb	1.1 / 2.42
Measuring Principle		Stylus Method
Pick-Up		Inductive Kidded Pick-Up
Measuring Force	N	ca. 0.7 mN

Pocket Surf® IV The Portable Surface Roughness Gage

Digimar 816 CL Height Measuring Instrument



The Pocket Surf IV is simple to use and easy to read, displaying measurement results of Ra, Rz, or Rmax at a glance. This portable surface finish gage employs Mahr's unique MarConnect universal interface which allows USB, RS-232 or digimatic output of data simply by choosing the right cable.

**PROMO PRICE**  
**\$1,950**  
**ORDER NO. 2191800P**

**-15%**

The Digimar 816 CL height gage provides highly accurate measurements without complicated procedures. Robust design and user-friendly operation combine with advanced features and functionality to improve dimensional measurement on the shop floor or in the lab.

**PROMO PRICE**  
**\$5,050**  
**ORDER NO. 4429030P**

**-10%**



Order No.		2191800P	2191802P
List Price		\$2,310	\$2,310
Promo Price		<b>\$1,950</b>	<b>\$1,950</b>
Traverse Length (Nominal)	$R_x/R_y$	2.0mm/ .075" 3.5mm/ .135"	
	$R_z/R_{max}$	5.0mm/ .195"	
Evaluation Length	$R_x/R_y$	0.8mm/ .030" 2.4mm/ .090"	
	$R_z/R_{max}$	4.0mm/ .150"	
Number of Cutoffs/ Switch Position	$R_x/R_y$	1 3	
	$R_z/R_{max}$	5	
Traverse Speed		5.08mm/ .2" per Second	
Cutoff		.08mm/ .030" ASME 2 RC-Filter	
Probe Type		Piezoelectric	
Maximum Stylus Force		15.0 mN / 1500 mgf	
Power		Consumer-Type Alkaline Battery, 9 Volt	
Battery Capacity		Approx. 2,500 Measurements, Depending on Frequency of Use and Output Option	
Operating Temperature		10° to 45°C / 50° to 113° F	
Storage Temperature		-20° to 65°C / -4° to 149°	
Includes		EGH-1019: Probe, 90°, 10 µm Radius, PMD-90101 Certified Specimen, including Test Certificate	EGH-1026: Probe, 90°, 5 µm Radius, PMD-90101 Certified Specimen, including Test Certificate

\*A Pocket Surf kit is furnished complete in a fitted case and includes a Pocket Surf unit with a General Purpose Probe\*\* and a 3.2 µm/125 µinch (nominal) Reference Specimen\*\*, 9 Volt battery, riser plate.

Order No.		4429030P	4429031P
List Price		\$5,610	\$6,030
Promo Price		<b>\$5,050</b>	<b>\$5,430</b>
Measuring Range	mm/in	0-350 / 0-14"	0-600 / 0-24"
Range of Application From...To	mm/in	540 / 21.26"	770 / 30.31"
Resolution	mm/in	0.01, 0.001 (0.0001", 0.00005")	
Error Limit		(2.8 + L/300) L in mm	
Repeatability: Bore	µm	3	
Repeatability: Plane	µm	2	
Perpendicularity Error in µm	µm	≤15	≤20
Operating Time Max.	h	Up to 14	
Measuring Force	N	1.0 +/- 0.2 N	
Permissible Relative Air Humidity Non-Condensed	%	65	
Working Temperature	°C / °F	20° C / 68° F	
Operating Temperature	°C / °F	10-40° C / 50-40° F	

### Digimar 817 CLM Height Measuring Instrument



The Digimar 817 CLM offers a wide range of measurement functions in both 1D and optional 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.

**PROMO PRICE**

**\$6,320**

**ORDER NO. 4429010P**

**-20%**



Order No.	4429010P	4429011P	4429012P
List Price	\$7,900	\$8,400	\$15,000
Promo Price	<b>\$6,320</b>	<b>\$6,720</b>	<b>\$12,000</b>
Measuring Range	mm/in 0-350 / 0-14"	0-600 / 0-24"	0-1000 / 0-40"
Range of Application	mm/in 540 / 20.47"	770 / 30.31"	1170 / 46.06"
Resolution	mm/in 0.01, 0.005, 0.001, 0.0005, 0.0001 (0.001" / 0.0005" / 0.0001" / 0.00005" / 0.00001")		
Error Limit		(1.8 + L/600) L in mm	
Repeatability: Bore	µm	1	
Repeatability: Plane	µm	0.5	
Perpendicularity Error in µm	µm	≤5	≤10
Operating Time Max.	h	Up to 12	
Measuring Force	N	1.0 +/- 0.2 N	
Permissible Relative Air Humidity Non-Condensed	%	65	
Working Temperature	°C / °F	20° C / 68° F	
Operating Temperature	°C / °F	10-40° C / 50-104° F	



If an accessory set is purchased with a Digimar 816 CL or a Digimar 817 CLM, there will be a 15% discount on the list price.

Digimar Probe Accessory Set

Order No.	4429018P	4429019P
List Price	\$1,110	\$1,610
Promo Price	<b>\$943</b>	<b>\$1,368</b>
Probe Set	817 ts2	817 ts1

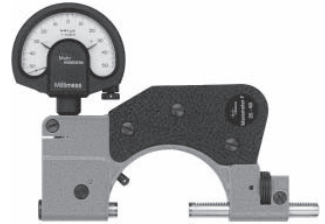
840 snap gages are ideal for highly accurate and reliable results on shafts, bolts and other cylindrical parts. A wide range of dial and digital indicators/comparators are available (sold separately).

**PROMO PRICE**

**\$1,075**

**ORDER NO. 4450000**

**-20%**



840 F Shown with Optional Indicator

Order No.		4450000P	4450001P	4450003P	4450004P
List Price		\$1,340	\$1,440	\$1,680	\$1,810
Promo Price		<b>\$1,075</b>	<b>\$1,152</b>	<b>\$1,344</b>	<b>\$1,448</b>
Measuring Range	mm/in	0-25 / 0-1"	25-60 / 1-2.36"	100-150 / 4-6"	150-200 / 6-8"
Measuring Force		7.5			
Flatness	µm	≤0.2			
Parallelism	µm	≤1			

### Indicating Instruments (Sold Separately)

Order No.		4333000 / 4333900	4334000 / 4334900	4334001	4335000 / 4335900	2034207*
Readings	µm/in	5 / .0001"	1 / .00005"	2	0.5 / .00002"	0.2 / .00001" (switchable)
Dial Comparator			Millimess 1003 / 1003 Z	Millimess 1003 XL	Supramess 1002/1002 Z	µmMaxµm II

\* Requires contact 4360107  
All indicating instruments that have a 8 mm mounting shank may be used



1003

300P Snap Gages for outside diameters

300P snap gages are ideal for highly accurate and reliable results on cylindrical work pieces with tight tolerances.



▲ 300P series furnished with dial indicator with 0.0001" graduations

PROMO PRICE

**\$842**

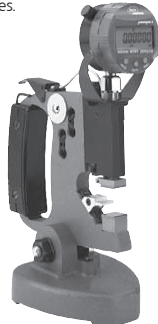
◀ ORDER NO. 300P-1

**-20%**

PROMO PRICE ▶

**\$1,043**

ORDER NO. EDI-300P-1



▲ EDI and EMD series are furnished with digital indicators having inch /metric selection and adjustable resolution to 0.5um/020u"

300P without Indicator	List Price	Promo Price	300P with Dial Indicator	List Price	Promo Price	Range mm/in
OMI-300P-1P	\$818	<b>\$654</b>	300P-1P	\$1,053	<b>\$842</b>	0-25 / 0-1"
OMI-300P-2P	\$825	<b>\$660</b>	300P-2P	\$1,060	<b>\$848</b>	25-51 / 1-2"
OMI-300P-3P	\$842	<b>\$674</b>	300P-3P	\$1,077	<b>\$862</b>	51-76 / 2-3"
OMI-300P-4P	\$845	<b>\$676</b>	300P-4P	\$1,080	<b>\$864</b>	76-102 / 3-4"
OMI-300P-5P	\$855	<b>\$684</b>	300P-5P	\$1,090	<b>\$872</b>	102-127 / 4-5"
OMI-300P-6P	\$1,120	<b>\$896</b>	300P-6P	\$1,346	<b>\$1,077</b>	127-152 / 5-6"
OMI-300P-7P	\$1,130	<b>\$904</b>	300P-7P	\$1,356	<b>\$1,085</b>	152-178 / 6-7"
OMI-300P-8P	\$1,170	<b>\$936</b>	300P-8P	\$1,396	<b>\$1,117</b>	178-203 / 7-8"
OMI-300P-9P	\$1,240	<b>\$992</b>	300P-9P	\$1,466	<b>\$1,173</b>	203-229 / 8-9"
OMI-300P-10P	\$1,149	<b>\$919</b>	300P-10P	\$1,586	<b>\$1,269</b>	229-254 / 9-10"

300P with uMaxum Digital Indicator	List Price	Promo Price	300P with Maxum Digital Indicator - No Output	List Price	Promo Price	Range mm/in
EDI-300P-1P	\$1,304	<b>\$1,043</b>	EMD-300P-1P	\$1,292	<b>\$1,034</b>	0-25 / 0-1"
EDI-300P-2P	\$1,311	<b>\$1,049</b>	EMD-300P-2P	\$1,301	<b>\$1,041</b>	25-51 / 1-2"
EDI-300P-3P	\$1,328	<b>\$1,062</b>	EMD-300P-3P	\$1,318	<b>\$1,054</b>	51-76 / 2-3"
EDI-300P-4P	\$1,331	<b>\$1,065</b>	EMD-300P-4P	\$1,321	<b>\$1,057</b>	76-102 / 3-4"
EDI-300P-5P	\$1,341	<b>\$1,073</b>	EMD-300P-5P	\$1,331	<b>\$1,065</b>	102-127 / 4-5"
EDI-300P-6P	\$1,606	<b>\$1,285</b>	EMD-300P-6P	\$1,596	<b>\$1,277</b>	127-152 / 5-6"
EDI-300P-7P	\$1,616	<b>\$1,293</b>	EMD-300P-7P	\$1,606	<b>\$1,285</b>	152-178 / 6-7"
EDI-300P-8P	\$1,656	<b>\$1,325</b>	EMD-300P-8P	\$1,646	<b>\$1,317</b>	178-203 / 7-8"
EDI-300P-9P	\$1,726	<b>\$1,381</b>	EMD-300P-9P	\$1,716	<b>\$1,373</b>	203-229 / 8-9"
EDI-300P-10P	\$1,846	<b>\$1,477</b>	EMD-300P-10P	\$1,836	<b>\$1,469</b>	229-254 / 9-10"

MarVision MM 320 Workshop Measuring Microscope

The MarVision MM 320 video measuring microscope with image processing is designed for the measurement and/or dimensioning of geometric elements and is extremely precise. Automatic edge recognition detects low contrast features and a multi-touch function provides quick and continuous variable magnification.

PROMO PRICE

**\$24,750**

ORDER NO.2121590P

**-15%**



▲ M3-Software with Touchscreen-PC (Similar to illustration, depends upon the PC manufacturer)

Order No.		2121590P	2121591P	2121592P
List Price		\$28,991	\$30,980	\$39,070
Promo Price		<b>\$24,750</b>	<b>\$26,880</b>	<b>\$33,990</b>
Measuring Range X/Y*	mm	200 / 100	250 / 170	400 / 250
	in	7.9" / 3.9"	9.80" / 6.7"	15.7" / 9.8"
Z Travel	mm/in	200 / 400** 7.9" / 15.8"***		
Measuring Table Dimensions	mm	370 x 210	420 x 280	600 x 480
	in	14.6" x 8.3"	16.5" x 11.0"	23.6" x 18.9"
Max. Table Load	kg/lb	20 / 44 lbs		
Measuring System:		Built-In Incremental Measuring Scale		
- Resolution	µm/in	0.001 / 0.00005"		
- MPE E, X / Y in µm (L in mm)		1.9 +(L/100)		3.9 +(L/100)
- MPE E, XY in µm (L in mm)		2.9 +(L/100)		4.9 +(L/100)
Working Distance	mm/in	85 / (3.3")		
Max. Height of Test Piece	mm/in	ca. 65 / 300** 2.6" / 11.8"***		300 (11.8")
Illumination		LED Incident and Transmitted Light, Individually Adjustable		
Dimensions* H x W x D	mm	700 x 650 x 550	700 x 700 x 600	800 x 1000 x 900
	in	27.6" x 25.6" x 21.6"	27.6" x 27.6" x 23.6"	31.5" x 39.4" x 35.4"
Magnification***		Zoom 35-225x		

\* Measuring table is centered \*\*Extensions are optional \*\*\*On screen  
 # Specialized table sizes are available upon request, up to 1000 x 250mm travel path  
 Accessories for Microscopes: see Dimensional Metrology catalog, Chapter 18

MarVision QM 300 Video Workshop Measuring Microscope

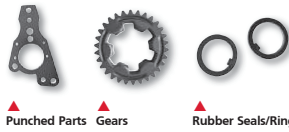
36B - I.D./O.D. Gages

The MarVision QM 300 is a full-featured measuring station designed for fast, close to the manufacturing process evaluation of cutting inserts or flat components such as punch and stamped parts. This instrument has a large field of view for fast multiple dimension measurements. The Quick Measure feature automatically recognizes pre-programmed parts and makes the required measurements without operator influence, improving performance and productivity.

The 36B I.D./O.D. gage is offered with both the "T" plate and "V" plate in the same package. Along with the system will be a 1087BR Digital Indicator with latching ability (Min/Max) to save time with both the setup and the measuring process.



M3-Software with Touchscreen-PC  
*(Similar to illustration; depends upon the PC manufacturer)*

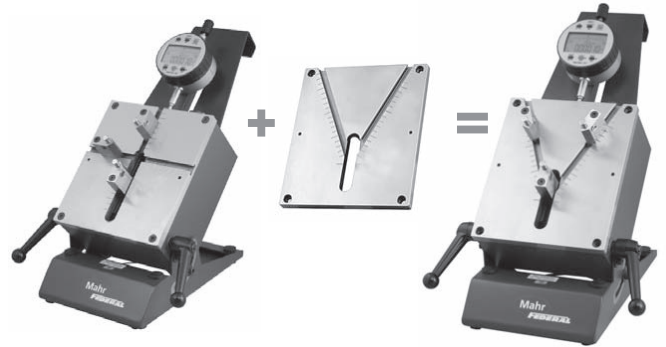


**PROMO PRICE**  
**\$22,900**  
**ORDER NO. 4247803P**

**-15%**

**PROMO PRICE**  
**\$2,400**  
**ORDER NO. 2061657**

**-20%**

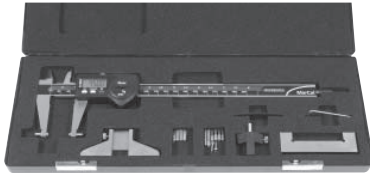


Order No.	4247803P	4247804P	4247805P
List Price	\$27,000	\$34,760	\$38,970
Promo Price	<b>\$22,900</b>	<b>\$29,500</b>	<b>\$32,900</b>
Measuring Range/Image Field	mm/in 32 x 24 / 1.25" x 1"	57 x 42 / 2.3" x 1.6"	96 x 72 / 3.8" x 2.8"
Height Adjustment	mm/in 30 / 1.18"		
Measurement Error E <sub>2</sub>	4.0+L/50 (L in mm)	4.0+L/50 (L in mm)	7.5+L/50 (L in mm)
Camera System	5 Megapixel USB 3		
Incident Light	LED Ring Light		
Max. Table Load	LED Telecentric		
Dimensions QM 300, D x W x H	mm/in 330 x 230 x 580 / 13" x 9" x 23"	330 x 240 x 720 / 13" x 9.5" x 28.4"	340 x 250 x 820 / 13.4" x 10" x 32.3"

Accessories for Microscopes: see Dimensional Metrology catalog, Chapter 18

Order No.	2061657	2061658
List Price	\$3,050	\$3,900
Promo Price	<b>\$2,400</b>	<b>\$3,100</b>
T-Plate ID Capacity	mm/in 19-89/0.75-3.05"	19-197/0.75-7.75"
T-Plate OD Capacity	mm/in 6-127/0.25-5.0"	6-222/0.25-8.75"
V-Plate ID Capacity	mm/in 21-117/0.81-4.625"	21-229/0.812-9"
V-Plate OD Capacity	mm/in 8-127/0.312-5.0	8-241/0.312-9.5
Resolution Switchable	mm/in 0.0005/0.001/0.002/0.005/0.01 (0.0002"/0.0005"/0.001"/0.002"/0.0005")	

MarCal 16EWW Universal Digital Caliper in Set



The 16EWW caliper measuring set enhances standard caliper functions of ID, OD, depth and step measurement with a wide variety of interchangeable contacts for hard-to-reach dimensions in recesses, grooves, serrations and more.



REFERENCE

Order No.		4118808P***	4118807P**
List Price		\$346	\$585
Promo Price		\$285	\$485
Product		16 EWW	
Measuring Range	mm/in	200 / 8"	
Resolution	mm/in	0.01 / 0.0005"	
Details	mm	Height of Digits: 8.5	

\*\* Includes standard accessories \*\*\* Excludes standard accessories

PROMO PRICE

\$485

ORDER NO. 4118807P

-18%

MarVision SM 150 / SM 160 / SM 151 Stereo-Zoom Microscope

MarVision stereo-zoom microscopes offer optical inspection with interchangeable eyepieces, adjustable lens with distance and diopter compensation, mounting for LED ring light and an ergonomic hand wheel for left or right-handed operators. These are ideal for large workpieces.



▲ Stereo-zoom microscope binocular view



▲ Stereo-zoom microscope trinocular view for camera documentation



▲ SM 160

PROMO PRICE

\$782

ORDER NO.4245061P

PROMO PRICE

\$1,080

ORDER NO.4245062P

-10%

-10%

Digimar 814 SR Height Measuring and Scribing Instruments



PROMO PRICE

\$1,295

ORDER NO. 4426100P

-10%

The 814 SR is a perfect height measuring and scribing tool for surface plate layout work. Large easy-to-read display and simple operation make set up tasks easy.



REFERENCE

Order No.		4426100P	4426101P
List Price		\$1,440	\$1,870
Promo Price		\$1,295	\$1,685
Product		814 SR	
Measuring Range	mm/in	0-350 / 0-14"	0-600 / 0-24"
Resolution	mm/in	0.01 / 0.0005"	
Details	mm	Height of Digits: 12	

Order No.		4245061P	4245063P	4245062P
List Price		\$869	\$1,808	\$1,200
Promo Price		\$782	\$1,245	\$1,080
Product		SM 150	SM 160	SM 151
Max. Height of Test Piece	mm/in	110mm / 4.3"		
Working Distance	mm/in	75mm / 3"		
Optical Tube		Binocular		Trinocular
Observation Tube Angle		45°		
Field of View	mm/in	28-5 / 1.10-0.19"		28-5 / 1.1-0.2"
Magnification		Variable 7x-45x		

Millimar C 1200 Compact Amplifier



Millimar compact amplifiers are easy to use and allow users to view analog scale, digital readout, or both. These evaluation instruments are highly accurate and insensitive to environmental influences.

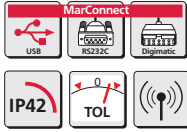
PROMO PRICE

\$1,260

ORDER NO. 5312010P

-10%

Order No.		5312010P
List Price		\$1,400
Promo Price		\$1,260
Digital	µm/in	± 5000 / ± 0.194"
Display Range Analog	µm/in	± 5000, ± 2000 / ± 0.19", ± 0.07" ± 1000, ± 300 / ± 0.03", ± 0.01" ± 100, ± 30 / ± 0.003", ± 0.001" ± 10, ± 3 / ± 0.0003", ± 0.0001"
Resolution	µm/µinch	10, 1, 0.1 / 100", 10", 5"



Millimar P2004 M Inductive Probe



with 8mm diameter

Robust construction and precise friction less ball bearing, provide high performance.

PROMO PRICE

\$325

ORDER NO. 5323010P

-20%

Order No.		5323010P
List Price		\$407
Promo Price		\$325
Product		P2004 M
Measuring Range	mm/in	± 2 / ± 0.078"
Measuring Force	N	0.75
Repeatability $f_{re}$	µm	0.1
Hysteresis $f_h$	µm	0.5



MarCal 16 ER Digital Caliper

The MarCal 16 ER features a new ergonomic design with lapped guideways - perfect for your daily measurement needs.



PROMO PRICE

\$115

ORDER NO. 4103010P



Order No.	List Price	Promo Price	Measuring Range mm/in	Resolution mm/in	Error Limit G mm	Depth Rod	Friction Wheel
4103010P	\$130	\$115	150 / 6"	0.01 / 0.0005"	0.03	•	
4103011P	\$130	\$115	150 / 6"	0.01 / 0.0005"	0.03	•	•
4103012P	\$130	\$115	150 / 6"	0.01 / 0.0005"	0.03		•
4103013P	\$130	\$115	150 / 6"	0.01 / 0.0005"	0.03		•

Supplied with case, battery and operating instructions

MarCal 16 ER Digital Caliper with Data Output

PROMO PRICE

\$140

ORDER NO. 4103014P



-12%



Order No.	List Price	Promo Price	Measuring Range mm/in	Resolution mm/in	Error Limit G mm/in	Depth Rod	Friction Wheel
4103014P	\$160	\$140	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"	•	
4103015P	\$160	\$140	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"	•	•
4103018P	\$217	\$180	200 / 8"	0.01 / 0.0005"	0.03 / 0.001"		•
4103020P	\$340	\$280	300 / 12"	0.01 / 0.0005"	0.04 / 0.0015"		
4103016P	\$160	\$140	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"		•
4103017P	\$160	\$140	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"		•
4103019P	\$217	\$180	200 / 8"	0.01 / 0.0005"	0.03 / 0.001"		•
4103021P	\$340	\$280	300 / 12"	0.01 / 0.0005"	0.04 / 0.0015"		•



MarCal 16 EWR Digital Caliper with Reference System, Protection Class IP67 No Output



The MarCal 16 EWR features a new ergonomic design with lapped guideways and larger display, and 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

\$155

-15%



REFERENCE

ORDER NO. 4103301P

Order No.	List Price	Promo Price	Measuring Range mm/in	Resolution mm/in	Error Limit G mm	Depth Rod	Friction Wheel
4103300P	\$185	\$155	150 / 6"	0.01 / 0.0005"	0.03	•	
4103302P	\$185	\$155	150 / 6"	0.01 / 0.0005"	0.03		•
4103301P	\$185	\$155	150 / 6"	0.01 / 0.0005"	0.03	•	•
4103303P	\$185	\$155	150 / 6"	0.01 / 0.0005"	0.03		•

MarCal 16 EWR Digital Caliper with Reference System, Protection Class IP67 and Output



PROMO PRICE

\$185

-15%

REFERENCE

ORDER NO. 4103064P

Order No.	List Price	Promo Price	Measuring Range mm/in	Resolution mm/in	Error Limit G mm/in	Depth Rod	Friction Wheel
4103064P	\$221	\$185	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"	•	
4103066P	\$221	\$185	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"		•
4103065P	\$221	\$185	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"	•	•
4103067P	\$221	\$185	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"		•
4103068P	\$256	\$210	200 / 8"	0.01 / 0.0005"	0.03 / 0.001"	•	
4103069P	\$256	\$210	200 / 8"	0.01 / 0.0005"	0.03 / 0.001"	•	•
4103070P	\$383	\$299	300 / 12"	0.01 / 0.0005"	0.04 / 0.0015"		
4103071P	\$383	\$299	300 / 12"	0.01 / 0.0005"	0.04 / 0.0015"		•

Micromar 40 ER / 40 EWR Digital Micrometer



Micromar 40 ER digital micrometers ensure maximum precision and a long working life with their carbide tipped measuring faces, robust frame construction and precision ground spindle.

PROMO PRICE

\$199

-15%

REFERENCE

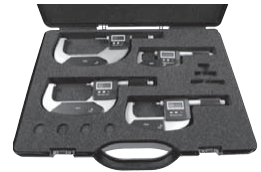


ORDER NO. 4151601P

Order No.	List Price	Promo Price	Measuring Range mm/in	Resolution mm/in	Spindle Thread Pitch mm	IP40	IP65	MarConnect
4151601P	\$234	\$199	0-25 / 0-1"	0.001 / 0.00005"	0.635	•		
4151721P	\$258	\$220	0-25 / 0-1"	0.001 / 0.00005"	0.635		•	
4151705P	\$284	\$240	0-25 / 0-1"	0.001 / 0.00005"	0.635		•	•

Micromar 40 EWR Digital Micrometers in Set

The Micromar 40 EWR set includes four micrometers in a sturdy storage case providing easy access to measuring a wide range of part dimensions.



PROMO PRICE

\$1,450

ORDER NO. 4151709P

-10%



REFERENCE

Order No.	List Price	Promo Price	Measuring Range mm/in	Resolution mm/in	Spindle Thread Pitch mm	Number of Micrometers
4151709P	\$1,690	\$1,450	0-100 / 0-4"	0.001 / 0.0005"	0.635	4

### MarCal 16 EWRI Wireless Kit



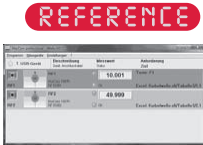
Wireless data transmission capability is integrated within MarCal digital calipers using proven wireless technology. These calipers are easy to read with a large clear digital display and include a number of advanced features such as lapped guideways, a reference system that retains the zero position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

**PROMO PRICE**

**\$299**

**ORDER NO. 2121610P**

**-20%**



Order No.	List Price	Promo Price	Measuring Range mm/in	Resolution mm/in	Depth Rod	Friction Wheel
2121610P*	\$373	<b>\$299</b>	150 / 6"	0.01 / 0.0005"	• •	•
2121611P*	\$373	<b>\$299</b>	150 / 6"	0.01 / 0.0005"	• •	•

\* Starter set includes an i-Stick wireless receiver and MarCom Std 5.0

### MarCal 16 EWRI Digital Caliper



**PROMO PRICE**

**\$193**

**ORDER NO. 4103400P**

**-10%**



Order No.	List Price	Promo Price	Measuring Range mm/in	Resolution mm/in	Error Limit G mm/in	Depth Rod	Friction Wheel
4103400P	\$214	<b>\$193</b>	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"	• •	•
4103401P	\$214	<b>\$193</b>	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"	• •	•
4103402P	\$214	<b>\$193</b>	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"	• •	•
4103403P	\$214	<b>\$193</b>	150 / 6"	0.01 / 0.0005"	0.03 / 0.001"	• •	•
4103404P	\$248	<b>\$225</b>	200 / 8"	0.01 / 0.0005"	0.03 / 0.001"	• •	•
4103405P	\$248	<b>\$225</b>	200 / 8"	0.01 / 0.0005"	0.03 / 0.001"	• •	•
4103406P	\$371	<b>\$335</b>	300 / 12"	0.01 / 0.0005"	0.04 / 0.0015"	• •	•
4103407P	\$371	<b>\$335</b>	300 / 12"	0.01 / 0.0005"	0.04 / 0.0015"	• •	•

### 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 simply transfer your measured values directly to your PC via proven wireless technology with the i-Stick.

**PROMO PRICE**

**\$125**

**ORDER NO. 4102220P**

**-20%**



Order No.	4102220P	2256190P
List Price	\$159	\$553
Promo Price	<b>\$125</b>	<b>\$450</b>
Scope of Supply	i-Stick + MarCom Standard	i-Stick + MarCom Professional
Channels	3	
Connectable Devices with Integrated Wireless	8 per Stick	
Radio Frequency MHz	2400	
Distance of Radio Wave	up to 6m / 19.6 ft	
For Measuring Instruments	MarCal 16 EWRI / 30 EWRI MarCator 1086 Ri / 1087 Ri / 1087 BRi	

### MarCom Professional 5.0 Software-Interface

MarCom Professional 5.0 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.



**PROMO PRICE**

**\$350**

**ORDER NO. 4102212P**

Order No.	4102212P
List Price	\$394
Promo Price	<b>\$350</b>
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