- 0 +

Mahr

EXACTLY

MAHR SPOTLIGHTS
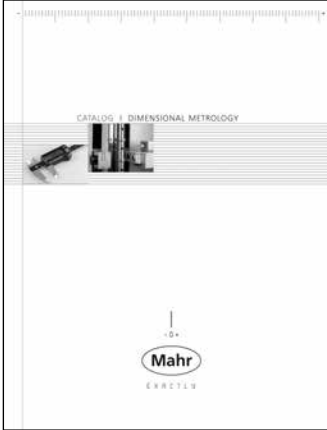
INTRODUCTORY PRICING

MARCATOR 1087 RI

MARSURF PS10

MARCAL 16 EWRi

DIGIMAR 817 CLM

Sign up to receive 'Tips'
from Mahr's Gaging Guru
www.mahr.com/gagingtips

MARVISION QM 300

SETTING STANDARDS

MICROMAR 40 ER

Promotion prices valid from January 1st through April 30th 2017

DOWNLOAD
the full Mahr product catalog

catalogs.mahrexactly.com

The Mahr full line product catalog is available to download on your desktop or laptop. Downloading to your laptop or desktop gives you some additional features that you don't have on the Android or iPhone versions.

To download the catalog onto your computer, type in **catalogs.mahrexactly.com** in your search engine. We recently added videos to several sections of the catalog - The navigation will direct you to them.

If you have not downloaded the catalog to your mobile, instructions are below for both the Android and iPhone. The new 2017 catalog will be out in January and at that time you will receive a notification to download the updated version.

Instructions for Android

▶ Go to the Google Play Store
▶ Search for Mahr Exactly
▶ Select the Mahr Icon that Appears
▶ Under Apps
▶ Select Install

Instructions for Apple

▶ Go to Apple Store
▶ Search for Mahr Exactly
▶ Click GET

Master Discs
Manufactured by Mahr

FEATURES

▶ The metrology laboratory in Providence, RI is ranked as one of the world's finest

▶ All measurements are traceable to the standards of the United States

▶ Grand Masters/Primary standards used in our measurement center have been certified by NIST

▶ Calibration system is certified to ISO 17025

▶ Our accreditation body is NVLAP. Lab Code 200605-0

-15%

Order any XX, steel, master ring or disc sized from 0.250 in - 4.0 in (6.3 mm -100 mm) and take 15% off of the current list price. Use the code MAHRMASTER to receive your discount. This offer is valid through the end of this promotion.

The Mahr Federal Inc. Setting Master Guarantee

When you purchase your setting master from Mahr Federal Inc. with certificate of size, Mahr guarantees that your master ring, plug or disc will be delivered to you within the tolerance grade specified. This guarantee assures your master ring, plug or disc will not require recertification at your incoming inspection. Should the master ring, plug or disc be out of specification within 30 days of receipt, and verified by Mahr, the company will repair or replace the master ring, plug or disc and issue full credit for its purchase price.

Guaranteed to meet spec or we replace them at no charge*

* The purchaser may not reject products unless their measurements exceed published tolerances by more than their uncertainty of measurement. In all cases, Mahr Federal Inc. inspection will be the final accepted measurement.

Digimar 816 CL Height Measuring Instrument

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
$5,150
LIST PRICE
$5,730

ORDER NO. 4429030P

-10%

▲ **Ideal for fast, in production part inspection**

1D | USB | RS232C | (((•)))

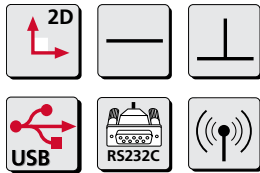| Order No.	4429030P	4429031P
List Price	$5,730	$6,160
Promo Price	**$5,150**	**$5,545**
Measuring Range	0-350 mm / 0-14 in	0-600 mm / 0-24 in
Range of Application From...To	540 mm / 21.26 in	770 mm / 30.31 in
Resolution	0.01 mm, 0.001 mm / 0.0001 in, 0.00005 in	
Error Limit	(2.8 + L/300) L in mm	
Repeatability: Bore	3 µm	
Repeatability: Plane	2 µm	
Perpendicularity Error in µm	≤15 µm	≤20 µm
Operating Time Max.	Up to 14 h	
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 - 40 °F	

Digimar 817 CLM Height Measuring Instrument

The Digimar 817 CLM offers a wide range of measurement functions 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.

PROMO PRICE
$6,448
LIST PRICE
$8,060

-20%

ORDER NO. 4429010P

▲ Optional accessory for squareness checks

Order No.	4429010P	4429011P	4429012P
List Price	$8,060	$8,570	$15,300
Promo Price	$6,448	$6,850	$12,240
Measuring Range	0-50 mm / 0-4 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

Order No.	4429018P	4429019P
List Price	$1,140	$1,650
Promo Price	$912	$1,320
Probe Set	817 ts2	817 ts1

5

MarVision MM 420 Workshop Measuring Microscope

The MarVision MM 420 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
$25,390
LIST PRICE
$29,870

ORDER NO. 26083801P

-15%

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

Order No.	26083801P	26084001P	26084201P
List Price	$29,870	$31,910	$40,250
Promo Price	**$25,390**	**$27,125**	**$34,210**
Measuring Range X/Y*	200 mm / 100 mm	250 mm / 170 mm	400 mm / 250 mm
	7.9 in / 3.9 in	9.80 in / 6.7 in	15.7 in / 9.8 in
Z Travel	200 mm / 400 mm** 7.9 in / 15.8 in**		
Measuring Table Dimensions	370 mm x 210 mm / 14 .6 in x 8.3 in	420 mm x 280 mm / 16.5 in x 11.0 in	600 mm x 480 mm / 23.6 in x 18.9 in
Max. Table Load	20 kg / 44 lbs		
Measuring System:	Built-In Incremental Measuring Scale		
- Resolution	0.001 μm / 0.00005 in		
- MPE E_1 X / Y in μm (L in mm)	1.9 +(L/100)		3.9 +(L/100)
- MPE E_2 XY in μm (L in mm)	2.9 +(L/100)		4.9 +(L/100)
Working Distance	85 mm / 3.3 in		
Max. Height of Test Piece	ca. 65 mm / 300 mm** 2.6 in / 11.8 in**		300 mm / 11.8 in
Illumination	LED Incident and Transmitted Light, Individually Adjustable		
Dimensions* H x W x D	700 mm x 650 mm x 550 mm	700 mm x 700 mm x 600 mm	800 mm x 1000 mm x 900 mm
	27.6 in x 25.6 in x 21.6 in	27.6 in x 27.6 in x 23.6 in	31.5 in x 39.4 in x 35.4 in
Magnification***	Zoom 35-225x		

Measuring table is centered
** *Extensions are optional*
*** *On screen*
⌗ *Specialized table sizes are available upon request, up to 1000 x 250 mm travel path*

Accessories for Microscopes: see Dimensional Metrology catalog, Chapter 18

MarVision QM 300 Video Workshop Measuring Microscope

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.

PROMO PRICE
$23,640
LIST PRICE
$27,810

ORDER NO. 4247803P

-15%

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

▲
QM 300

▲   ▲   ▲
Punched Parts Gears   Rubber Seals/Rings

Order No.	4247803P	4247804P	4247805P
List Price	$27,810	$35,810	$40,140
Promo Price	**$23,640**	**$30,438**	**$34,119**
Measuring Range/Image Field	32 mm x 24 mm / 1.25 in x 1 in	57 mm x 42 mm / 2.3 in x 1.6 in	96 mm x 72 mm / 3.8 in x 2.8 in
Height Adjustment	30 mm / 1.18 in		
Measurement Error E_2	4.0+L/50 (L in mm)	4.5+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	330 mm x 230 mm x 580 mm / 13 in x 9 in x 23 in	330 mm x 240 mm x 720 mm / 13 in x 9.5 in x 28.4 in	340 mm x 250 mm x 820 mm / 13.4 in x 10 in x 32.3 in

Accessories for Microscopes: See Dimensional Metrology Catalog, Chapter 18

MarSurf PS10

INTRODUCING

The NEW MarSurf® PS10 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.

INTRODUCTORY PRICE
$2,660

ORDER NO. 6910230 & 6910232

▲ **With removable drive, touch display and intuitive operation the PS10 is versatile and easy to use.**

▲ **Increased versatility with removable drive**

▲ **Use as a portable gage or stand mounted**

Order No.	6910230	6910232
Introductory Price	$2,660	
Measuring Principle	Skid Probe System	
Number of Parameters	31 (DIN/ISO, JIS, ASME, MOTIF)	
Measuring Range	350 um / 0.014 uin	
Profile Resolution	8 nm / 3 uin	
Internal Memory	3,900 Profiles, 1500 pdf-files, 500,000 Results, Memory can be Extended with micro SD-Card up to 32 GB	
Description	PS10 Kit with 2 um Probe Tip	PS10 Kit with 5 um Probe Tip

Marsurf M 300 Set Mobile Roughness Measurement with Wireless Probe Drive

MarSurf M300, the first portable roughness measuring unit with wireless (Bluetooth) connection between the evaluation unit and the drive. M300 offers 33 parameters, documentation of results and an easy-to-use format.

PROMO PRICE
$4,615
LIST PRICE
$5,430

-15%

ORDER NO. 6910401P

USB

Marsurf M 300 C Set Mobile Roughness Measurement Device

All the features of the M300 but with a wired drive unit. Ideal for tough to reach features and parts right at the point of manufacture.

PROMO PRICE
$4,615
LIST PRICE
$5,430

-15%
SAVINGS

ORDER NO. 6910431P

USB

	M300		M300C	
Order No.	6910401P	6910411P	6910431P	6910438P
List Price	$5,430			
Promo Price	**$4,615**			
Measuring Range	350 um / 0.014 uin			
Parameters (33)	Ra, Rz (Ry (JIS) entspr. Rz), Rz (JIS), Rq, Rmax, Rp, RpA (ASME), Rpm (ASME), Rpk, Rk, Rvk, Mr1, Mr2, A1, A2, Vo, Rt, R3z, RPc, Rmr (tp (JIS, ASME) entspr. Rmr), RSm, RSk, S, CR, CF, CL, R, Ar, Rx, Rv			
Stylus Tip	2 μm			
Measuring Force	Approximately 0,7 mN			

µMaxµm® II Digital Comparator

The µMaxum II is a full feature, economical digital comparator ideal for mechanical gage applications. The µMaxum II is the top choice for bench or portable gage applications because it provides selectable resolution as well as all the features found in a bench amplifier.

PROMO PRICE
$340
LIST PRICE
$401

-15%

ORDER NO. 2034101P

IP54 | USB | RS232C | Digimatic | ABS System | MAX MIN | ID | TOL

Order No.	List Price	Promo Price	Model	Range	Stem Diameter	Stem Length
2034101P	$401	**$340**	Standard	±1.00 mm / ±0.040 in	0.375 in	11.7 mm / 0.46 in
2034103P	$401	**$340**	Standard			38.0 mm / 1.50 in
2034201P	$501	**$425**	Advanced			11.7 mm / 0.46 in
2034203P	$501	**$425**	Advanced			38.0 mm / 1.50 in

Digital Indicator 1075 R

1075 R digital indicators are equipped with the innovative reference system. The zero position only has to be set one time; once it is set, the zero remains stored for all further measurements. Therefore, when the indicator is switched ON or the measuring spindle is moved the indicator is immediately ready for measurement.
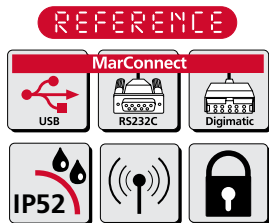
PROMO PRICE
$170
LIST PRICE
$201

-15%

ORDER NO. 4336010P

REFERENCE

MarConnect
USB | RS232C | Digimatic
IP52

Order No.	List Price	Promo Price	Measuring Range	Resolution
4336010P	$201	**$170**	12.5 mm / 0.5 in	0.01 mm / 0.0005 in
4336020P	$272	**$230**		0.005 mm / 0.0001 in
4336030P	$331	**$280**		0.001 mm / 0.00005 in

In any zero point. All indicators with 8 mm stem diameter.

10

Digital Indicators MarCator 1086 R / 1086 Ri
Fixed Resolution

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 integrated wireless indicators which offer integrated wireless data transmission, the optimal solution for transmitting your measured values to a PC.

PROMO PRICE
$315
LIST PRICE
$371

ORDER NO. 4337130P

-15%

▲ 12,5 mm

▲ 25 mm

REFERENCE

IP42 | MarConnect | USB | RS232C | Digimatic | ABS System | TOL | | MarConnect integrated wireless

Order No.	Model	List Price	Promo Price	Measuring Range	Resolution	Wireless
4337130P	1086 R	$371	$315	12,5 mm / 0.5 in	0,01 mm / 0.0005 in	
4337131P	1086 R	$485	$412	25 mm / 1 in		
4337132P	1086 R	$809	$687	50 mm / 2 in		
4337133P	1086 R	$1,060	$900	100 mm / 4 in		
4337134P	1086 Ri	$428	$363	12,5 mm / 0.5 in		X
4337135P	1086 Ri	$500	$425	25 mm / 1 in		X

All indicators with 8 mm stem diameter

11

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

Selectable Resolution

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 integrated wireless indicators which offer integrated wireless data transmission, the optimal solution for transmitting your measured values to a PC.

▲ 50 mm

▲ 25 mm

▲ 12,5 mm

PROMO PRICE
$390
LIST PRICE
$459

ORDER NO. 4337620P

-15%

IP42 | MarConnect — USB / RS232C / Digimatic | ABS System | TOL | wireless | MarConnect integrated wireless

Order No.	Model	List Price	Promo Price	Measuring Span	Resolution	Wireless	Wet-Proof IP54
4337620P	1086 R	$459	$390	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		
4337621P	1086 R	$541	$459	25 mm / 1 in			
4337622P	1086 R	$907	$770	50 mm / 2 in			
4337623P	1086 R	$1,140	$969	100 mm / 4 in			
4337650P*	1086 R	$459	$390	12,5 mm / 0.5 in			
4337651P*	1086 R	$541	$459	25 mm / 1 in			
4337624P	1086 Ri	$515	$438	12,5 mm / 0.5 in		X	
4337625P	1086 Ri	$577	$490	25 mm / 1 in		X	
4337626P	1086 Ri	$943	$800	50 mm / 2 in		X	
4337627P	1086 Ri	$1,160	$986	100 mm / 4 in		X	
4337628P**	1086 Ri	$593	$504	25 mm / 1 in		X	
4337640P	1086 WR	$567	$482	12,5 mm / 0.5 in			X
4337641P	1086 WR	$617	$524	25 mm / 1 in			X
4337142P	1086 WRi	$608	$516	12.5 mm / 0.5 in		X	X
4337143P	1086 WRi	$670	$570	25 mm / 1 in		X	X

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

Digital Indicators MarCator 1087 R/ 1087 ZR/ 1087 Ri/ 1086 BR/ 1086 BRi

Selectable Resolution

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 integrated wireless 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 ease of use.

PROMO PRICE
$464
LIST PRICE
$546

ORDER NO. 4337660P

-15%

▲ 12,5 mm Dynamic Capability
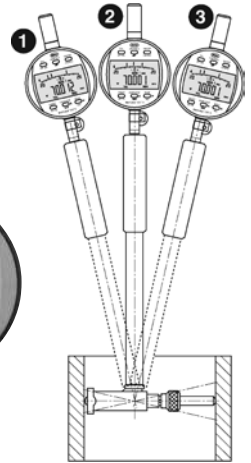
▲ Bore Gage Version

Order No.	Model	List Price	Promo Price	Measuring Range	Resolution	Wireless	Bore Gage Version
4337660P	1087 R	$546	$464	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		
4337661P	1087 R	$629	$534	25 mm / 1 in			
4337670P*	1087 ZR	$546	$464	12,5 mm / 0.5 in			
4337671P*	1087 ZR	$629	$534	25 mm / 1 in			
4337663P	1087 Ri	$593	$504	12,5 mm / 0.5 in		X	
4337665P	1087 Ri	$598	$508	25 mm / 1 in		X	
4337662P	1087 BR	$629	$534	12,5 mm / 0.5 in			X
4337664P	1087 BRi	$696	$591	25 mm / 1 in		X	X

* Note all indicators with 8 mm stem diameter

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.

▲ i-Stick Wireless Receiver

PROMO PRICE
$336
LIST PRICE
$373

ORDER NO. 2121610P

REFERENCE — IP67 — MarConnect integrated wireless

-10%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Depth Rod		Friction Wheel
2121610P*	$373	**$336**	150 mm / 6 in	0.01 mm / 0.0005 in	•		•
2121611P*	$373	**$336**				•	•

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

MarCal 16 EWRi Digital Caliper

PROMO PRICE
$193
LIST PRICE
$214

ORDER NO. 4103400P

REFERENCE — IP67 — MarConnect integrated wireless

-10%

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

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.
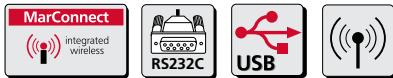
PROMO PRICE
$148
LIST PRICE
$164

-10%

ORDER NO. 4102220P

MarConnect
integrated wireless

Order No.	4102220P	2256190P
List Price	$164	$549
Promo Price	**$148**	**$494**
Scope of Supply	i-Stick + MarCom Standard 5.1	i-Stick + MarCom Professional 5.1
Channels	3	
Connectable Devices with Integrated Wireless	8 per Stick	
Radio Frequency MHz	2400	
Distance of Radio Wave	up to 6 m / 19.6 ft	
For Measuring Instruments	MarCal 16 EWRi / 30 EWRi MarCator 1086 Ri / 1087 Ri / 1087 BRi	

MarCom Professional 5.1 Software-Interface

MarCom Professional 5.1 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.

MarConnect
integrated wireless

RS232C   USB

Order No.	4102212P
List Price	$406
Promo Price	**$365**
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
$365
LIST PRICE
$406
ORDER NO. 4102212P

15

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.
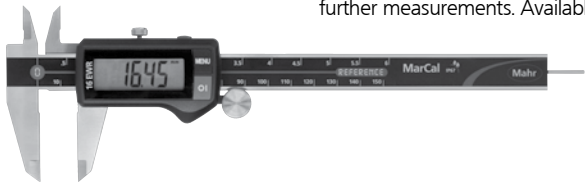
PROMO PRICE
$155
LIST PRICE
$185

ORDER NO. 4103301P

REFERENCE

IP67

-15%

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

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

PROMO PRICE
$187
LIST PRICE
$221

ORDER NO. 4103064P

REFERENCE

IP67

MarConnect
USB   RS232C   Digimatic

-15%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod		Friction Wheel
4103064P	$221	**$187**	150 mm / 6 in	0.01 mm / 0.0005 in	0.03 mm / 0.001 in	•		
4103066P	$221	**$187**					•	
4103065P	$221	**$187**				•		•
4103067P	$221	**$187**					•	•
4103068P	$256	**$217**	200 mm / 8 in				•	
4103069P	$256	**$217**					•	•
4103070P	$383	**$325**	300 mm / 12 in		0.04 mm / 0.0015 in			
4103071P	$383	**$325**						•

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 case, battery and operating instructions.

PROMO PRICE
$117
LIST PRICE
$130

-10%

ORDER NO. 4103010P

REFERENCE

DIN 862

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod		Friction Wheel
4103010P	$130	**$117**	150 mm / 6 in	0.01 mm / 0.0005 in	0.03 mm	•		
4103011P	$130	**$117**				•		•
4103012P	$130	**$117**					•	
4103013P	$130	**$117**					•	•

PROMO PRICE
$144
LIST PRICE
$160

ORDER NO. 4103014P

MarCal 16 ER Digital Caliper with Data Output

-10%

REFERENCE

MarConnect

USB   RS232C   Digimatic

Order No.	List Price	Promo Price	Measuring Range	Resolution	Error Limit G	Depth Rod		Friction Wheel
4103014P	$160	**$144**	150 mm / 6 in	0.01 mm / 0.0005 in	0.03 mm / 0.001 in	•		
4103015P	$160	**$144**				•		•
4103018P	$217	**$195**	200 mm / 8 in				•	
4103020P	$340	**$306**	300 mm / 12 in		0.04 mm / 0.0015 in			
4103016P	$160	**$144**	150 mm / 6 in		0.03 mm / 0.001 in		•	
4103017P	$160	**$144**					•	•
4103019P	$217	**$195**	200 mm / 8 in				•	•
4103021P	$340	**$306**	300 mm / 12 in		0.04 mm/ 0.0015 in			•

MarCal 16 EWR-V / 16 EWRi-V Digital Universal Caliper
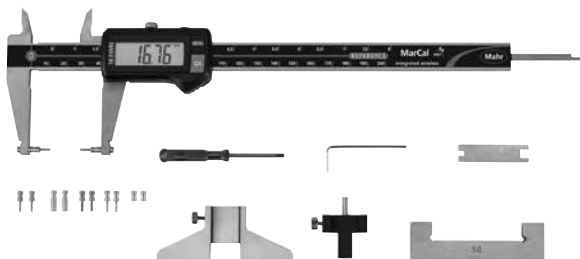
The MarCal 16 EWRi-V is a versatile precision measuring kit which can be employed in production. The kit contains interchangable contacts to meet virtually any meausrement application. The Ri-V incorporates the integrated wireless transmitter.

REFERENCE

MarConnect
integrated wireless

DIN 862

IP67

PROMO PRICE
$495
LIST PRICE
$585

ORDER NO. 4118807P

-15%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Depth Rod	Wireless
4118807P	$585	**$495**	0-200 mm / 0-8 in	0,01 mm / 0.0005 in	Retangular	
4118907P	$630	**$535**				X

Micromar 40 ER 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.

REFERENCE   ABS

PROMO PRICE
$199
LIST PRICE
$234

ORDER NO. 4151601P

-15%

Order No.	List Price	Promo Price	Measuring Range	Resolution	Spindle Thread Pitch	IP40	IP65	MarConnect USB RS232C Digimatic
4151601P	$234	**$199**	0-25 mm / 0-1 in	0.001 mm / 0.00005 in	0.635 mm	•		
4151721P	$258	**$220**	0-25 mm / 0-1 in	0.001 mm / 0.00005 in	0.635 mm		•	
4151705P	$284	**$240**	0-25 mm / 0-1 in	0.001 mm / 0.00005 in	0.635 mm		•	•

Precimar Linear 100 Universal Single-Axis Length Measurement Length

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.
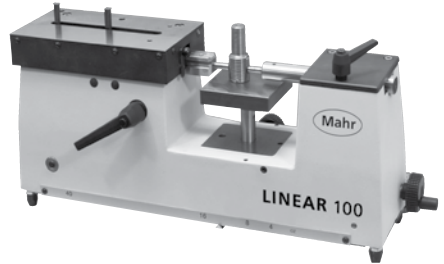
PROMO PRICE
$13,410
LIST PRICE
$14,900

-10%

ORDER NO. 5357301P

Order No.	5357301P
List Price	$14,900
Promo Price	**$13,410**
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" high digits.

PROMO PRICE
$7,500
LIST PRICE
$8,310

-10%

ORDER NO. 2062722P

Order No.	2062722P
List Price	$8,310
Promo Price	**$7,500**
Range	25 mm / 1 in
Resolution	0.0001 mm, 0.0005 mm, 0.001mm, 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 (±10μin)
Display Power	110V - 60Hz, 240V - 50Hz

– 0 +

Mahr

E X A C T L Y

Mahr Federal Inc. 1144 Eddy Street, Providence, RI 02905
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