
No. – 4/24 – To be distributed internally to all relevant employees and Mahr Distribution Partners

Product Line Updates

Dear Partner,

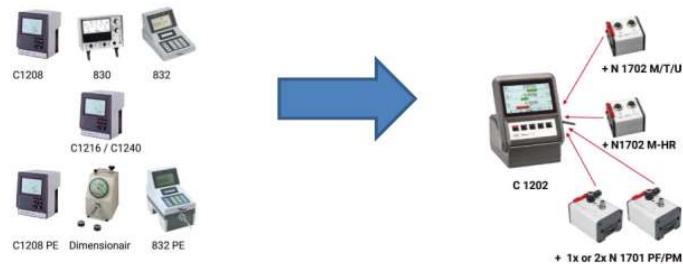
As a valued part of our sales network, we are excited to share with you our plans to update and streamline our Millimar, MaraMeter, MultiMar and MarCator product groups. We are making many changes to the product lineup to improve the product offerings of the future and take advantage of the modernization program we embarked on some years ago to enable all of our products, from simple to complex, to contribute to the digitalization and “industrial internet of things” that is part of the Industry 4.0 transformation that is taking place throughout all the markets we serve. This document will try to explain what those changes are and how to help customers take advantage of them. The document is organized in a manner that first explains in general what is changing, then goes into more detail as to how these changes are being implemented in product configurations, and finally in the last and longest section, we show item number by item number detail of what is discontinued, what is still available, and what are the new items that replace the discontinued ones. This should help everyone identify the latest and greatest solution for each customer application.

This is probably the largest product line update we have made all at once in decades, so we are sure there will be questions. Please do not hesitate to reach out to us in Technical Support and Product Management for assistance as we navigate through this and bring these updated product offerings to our customers.

Millimar

Bench Amplifiers

The Millimar product line currently has 7 different amplifiers with air and digital options to meet the wide variety of needs within the field. With advancements in technology, we took the Dimensionair, 830, 832, 832 Digital Dimensionair and 1840 bench amplifiers and condensed them into one platform. The C1200 / C1202 / Cockpit & N1700 modules take the place of all legacy models and with the help of our variety of modules, the C1202 can be flexibly configured for any application. The new platform offers advanced features, an updated display and data capture capabilities for analysis and traceability. We recommend that customers move to the new platform as soon as possible, however we know that with the popularity of these amplifiers over the many years they have been in the market some customers will want time to plan the transition and will still need some of these legacy products. We plan to continue to build and maintain the ability to supply the legacy product until stock is depleted (estimated to be April 2025 – October 2025 timeframe depending on demand).



Furthermore, we will maintain the capability to service and repair legacy product as long as components and supplies last.

Please see [page 8](#) for a list of the legacy amplifiers.

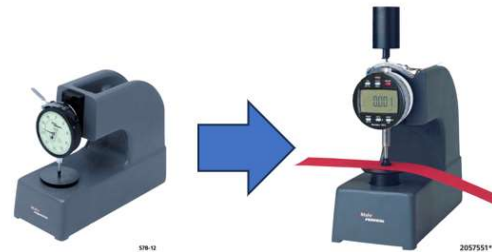
Rules of Engagement for Quoting -

For new quotes for Millimar probes and air gaging, please propose a C1200 / C1202 / Cockpit & N1700 solution. If legacy product is specifically requested, please confirm item availability for specific item numbers affected by the transition, and quote if possible. If no more inventory is available for the requested item, quote the appropriate replacement C1200 / C1202 / Cockpit & N1700.

MaraMeter

57B Thickness Gage

Today, modern digital indicators are much more advanced than they were when they were first introduced into the market some 40 years ago. Since they offer extensive capabilities and features over the original digital and their predecessor mechanical indicators, Mahr will be transitioning the 57B thickness gage to digital only versions. When ordering the gage, customers will have the option of the standard digital indicator or alternatively we can configure it from our wide selection of digital indicators and accessories.



We will maintain the capability to service and repair legacy product while supplies last.

Please see [page 8](#) legacy product part numbers and new standard product part numbers.

Rules of Engagement for Quoting -

For requests for a 57B with dial indicator, you should notify them that the requested model is no longer available, and you should provide a quote for the appropriate digital version.

MaraMeter

300P Snap Gage

For over 80 years, the 300P Snap Gage has been widely known for its channel lock feature, which gave the contacts of the gage a precise standard of parallelism. This feature propelled the gage into position as an industry standard. Over the decades it has often been imitated, but it has never been duplicated. With the 300P's long history and vast options, the number of models has grown dramatically to meet world markets.

Mahr's commitment to meet industry needs and provide the most relevant product, means the snap gage product line will be streamlined into a refined and cohesive portfolio. We will accomplish this by transitioning the 300P to 301P snap gage. The 301P now comes standard with a lifting lever and will be sold in standard form without a readout, however, a digital readout can be added as a separate line item. There will also be a configurator to create many of the models previously available as separate item numbers. The configurator, known as a 301P-X, will be available with a 3/8" mount and the 301P-3x will be available with 8 mm mount. The 301P will be configurable via these configuration tools with a selection of readouts and calibration certifications.

Please see [page 18](#) for more a list of legacy products and their successors.

Rules of Engagement for Quoting -

If a customer requests a specific 300P with dial indicator or digital comparator using the previous item numbers, they should be informed that the requested model is no longer available and a quote for the appropriate version plus a digital indicator or a configured item including a readout option.

MarCator

Dial Indicators

Mahr has been a leading manufacturer of AGD Dial Indicators for over 100 years, playing a pivotal role in the second and third industrial revolutions. These dial indicators allowed manufacturers around the world to have greater standards of accuracy and precision allowing them to produce higher quality products. Since the introduction of the first Maxum in 1985 and subsequently the addition of full feature comparators and indicators such as μ Maxum, 2000W, 1086 and 1087, digital products have become a preferred product as advanced capabilities and wireless data transmission become critical to customers as we progress into the fourth industrial revolution (i4.0).



To support the markets preference, Mahr will begin consolidation the dial indicator portfolio by immediately reducing in the number of standard models by removing low volume OEM and special application indicators. We will continue to monitor sale volumes for downward trending products throughout 2024 and adjust as necessary.

Between April 1,2024 and August 2024, configuration options will be limited to only standard options such as: backs, contact points, dial changes, hand clocking, special markings, revolution counters and tolerance hands. After September 2024, all custom configuration options will be turned off entirely. Some options will still be available through standard item numbers, for example accessories such as lifting levers and dust guards will be quoted as separate line items. Contact points will also be sold as line items.

Rules of Engagement for Quoting -

If a customer requests a discontinued dial indicator, they are to be notified that the requested model is no longer available and should be provided with options for an alternate dial indicator from the options still available, or a Millimess Dial Comparator. However, it is strongly recommended to offer a digital indicator option such as Marcator 1075, 1086 or 1087 to transition to the digital product line.

MaraMeter

Dimentron

The Dimentron Mechanical plug gages were introduced in the mid 80's as alternative to air gaging, providing a more portable gage while also increasing the measuring range. To further increase the flexibility of the Dimentron line, the 844 series of plug gages recently underwent a redesign which allowed us to provide even more choices for contact materials and options for 3-point measurements allowing us to offer it in many special configurations.



With the recent addition of capabilities and accessories to the 844, it is now positioned as the standard model for the product line. For all new fixed plug gage application requests, the new 844 D with handle, adaptor and display unit will be used as the primary solution. For retrofits to existing handle and display assemblies, an adaptor will be available in the very near future to fit a new 844D plug in an existing Dimentron adaptor/handle.

There are many special application Dimentron plugs currently in the field, we maintain the ability to build replacements if required.

Rules of Engagement for Quoting -

New quotes will consist of an 844 plug gage with adaptor/handle and Millimess dial/digital comparator or Marcator 1075, 1086 or 1087 digital indicator and an appropriate master ring. Until approximately October 1st, 2024 any requests for specific Dimentron models according the prior design can be accommodated, however after that time the new product from the 844 series should be offered as a replacement. For existing gages needing replacement plugs, the 844 with adaptor should be offered after October 1st, 2024. For existing special, non-configured Dimentron plugs, please consult with Product Management to determine if an 844 can be adapted to the application or if a replacement Dimentron produced as a special Engineered Solution is required.

MultiMar

36B ID / OD Gage

The 36B gage that was first provided in the 1950's has become a standard gage for measuring ID's and OD's for industries with high precision diameters such as bearing and radial seal manufacturers and a variety of others. Because of the gages flexibility of being set to a specific size within its range, its friction free sensitive contact, and 2-point or 3-point measurement, the 36B has always been one of Mahr's most recognized products. With its long history, the addition of digital indicator/comparator and metric options, the product line has grown dramatically over the years.



To streamline the MultiMar line, we have consolidated it to four standard units. Currently, we provide countless gages with indicators pre-installed, however, after the consolidation, the basic gage will be provided without an indicator. This method allows the customer to purchase their indicator of choice separately and build to their requirements. The basic four versions of the gage will be a large and small size "T" plate and large or small size "V"-plate with the option of a .375" or 8mm stem mount though an included bushing adaptor. As a standard, the metric jaw set will be provided which allows for use of many of the 844 T contacts from the standard product portfolio to customize the gage for specific applications.



To submit an order, simply select the gage of choice and the indicating device as a separate line item. A configured option is available should the customer require a complete assembly of gage which includes a display and a certificate of calibration. All other options and displays should be ordered as line items.

Rules of Engagement for Quoting -

When a quote request comes in for a transitioned model – the customer should be quoted the new equivalent model and if possible, the indicator/display they may have previously received. If no indicator is available, the 1087 digital indicator will be the standard quoted indicator.

For new requests please quote the new items as their line item and the appropriate display as a separate line item



The following tables provide additional details on which models are discontinued and what the new replacement is. For additional, item number specific descriptions and detail, links are provided to the following marked up catalog pages and other product documentation.

Product Line	Legacy Model	Replacement Model	Action
Millimar	830	<ul style="list-style-type: none"> • Display: -C1200 T -C1200 M -C1202 • Module: -N 1701 -N 1702 	Request Order No. from Catalog
Millimar	832		
Millimar	832 Digital		
Millimar	1840		

Product Line	Legacy Model	Replacement Model	Action
MaraMeter	57B- 14	<ul style="list-style-type: none"> •XLI- 57B- 11 w/ 1086Ri •XLI- 57B- 12 w/ 1086Ri •XLI- 57B- 13 w/ 1086ZR •XLI- 57B- 15 w/ 1086ZR <div style="border: 1px solid red; padding: 2px; display: inline-block;">(see page 32 for reference)</div>	Request Order No. from Catalog
MaraMeter	57B- 15		
MaraMeter	57B- 14M		
MaraMeter	57B- 15M		
MaraMeter	57B- 13		
MaraMeter	57B- 13M		
MaraMeter	EMD- 57B- 11		
MaraMeter	EMD- 57B- 11D		
MaraMeter	57B- 11		
MaraMeter	57B- 12		
MaraMeter	57B- 11M		
MaraMeter	57B- 12M		



Product Line	Legacy Model	Replacement Model	Action
MaraMeter	M-300P-X	•301P *All standard models sold less indicator; configured models available with indicator (see page 39 for reference)	1) Request Order No. from Catalog 2) Configure as necessary
MaraMeter	300P-XM		
MaraMeter	301P-XM		
MaraMeter	OMI-300P-X		
MaraMeter	300P-X		
MaraMeter	301P-X		
MaraMeter	EDI-300P-3X		
MaraMeter	EMD-300P-3X		
MaraMeter	M 300P-3X		
MaraMeter	OMI-300P-3X		
MaraMeter	300P-3X		
MaraMeter	300P-3X		
MaraMeter	301P-3X		

Product Line	Legacy Model	Replacement Model	Action
MarCator	Various *Please see page 9 for all models	•1075 R •1086 Ri •1086 Wri •1086 ZR •1086 R •1086 WR •1086 R-HR •1087 Ri •1087 R •1087 ZR •1087 R-HR •1087 BRi •1087 BR •2000 Wi •2001 Wi	Request Order No. from Catalog



Product Line	Legacy Model	Replacement Model	Action
MultiMar	EDI-36B-10	<ul style="list-style-type: none"> •M36B-10; Small "T" Plate •M36B-20; Large "T" Plate •M36B-9; Small "V" Plate •M36B-19; Large "V" Plate <p>*All models sold less indicator; configured models available with indicator</p> <p>(see page 23 for reference)</p>	<p>1) Request Order No. from Catalog 2) Configure as necessary</p>
MultiMar	EDI-36B-20		
MultiMar	EMD-36B-10		
MultiMar	EMD-36B-20		
MultiMar	EMD-36B-10D		
MultiMar	EMD-36B-20D		
MultiMar	36B-10M		
MultiMar	36B-20M		
MultiMar	36B-10		
MultiMar	36B-20		
MultiMar	EDI-36B-9		
MultiMar	EMD-36B-9D		
MultiMar	EMD-36-9D		
MultiMar	EMD-36B-19D		
MultiMar	36B-19		
MultiMar	36B-9		
MultiMar	36B-19M		
MultiMar	36B-19M		
MultiMar	36B-10-VT		
MultiMar	36B-20-VT		

Upcoming product line **consolidation**

New Millimar® C 1202 Amplifier

Building off of the successful C 1200 bench amplifier with an HD display, ease of use, high performance and great value, Mahr is introducing the new C 1202, our next generation of length measuring instruments. The C 1202 is a more powerful and capable bench amplifier for electronic probes and air gaging.

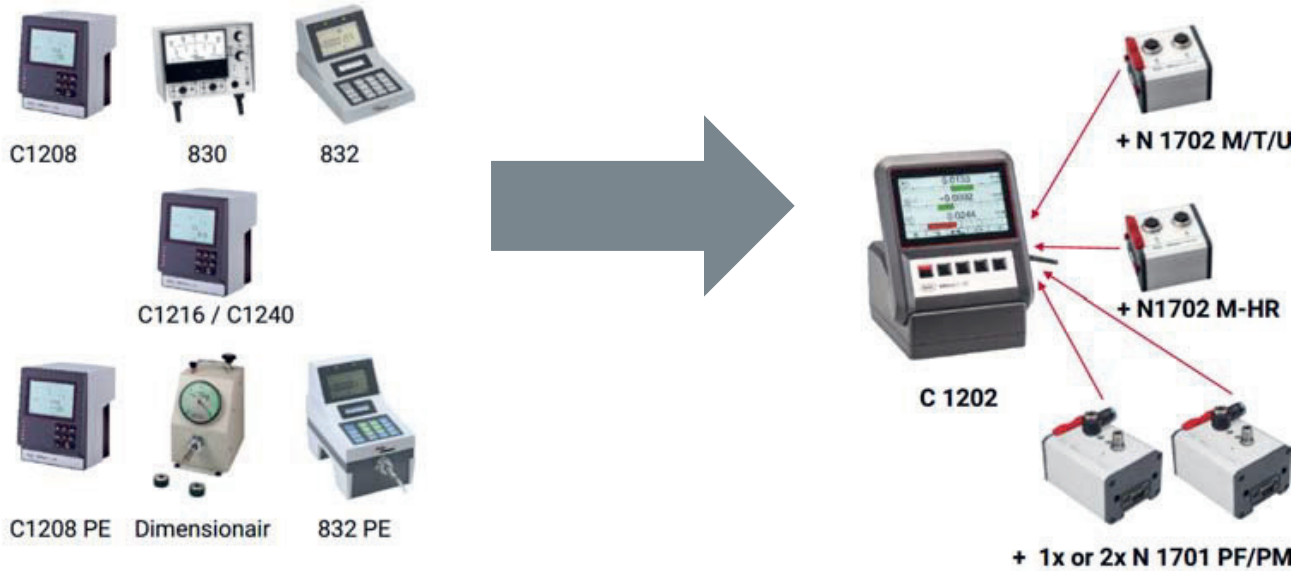
The C 1202 will be built upon the combination of the display format of the C 1200 and be combined with the input flexibility of the N 1700 Millimar module system. This will allow the C 1202 to be configured for up to 2 LVDT's, 2 digital probes or 2 air modules. This modular system allows for easy configuration for most bench gage applications. Along with allowing for up to two input channels, the C 1202 will provide the capability of providing 3 measurement results configurable with full equation capabilities. Now the user can measure two lengths and the difference, or display two diameters and calculate the taper angle – all on a bright, clear HD display. Other important features of the C 1202 include:

- With an N 1700 module, the C 1202 becomes a measuring instrument
- One display unit for many applications, different N 1700 modules can be connected
 - Maximum 2 measuring channels e.g.: 1 x N 1702 M for inductive probes or 2 x N 1701 PF for air gaging systems
 - Maximum 3 measuring features
- N 1700 measuring modules include
 - N 1702 M/T/U for 2-input module, LVDT modules for Mahr, TESA or Marposs probes to 1 μm / 5 μm resolution
 - N 1702 M-HR for high resolution module for up to 0.01 μm /0.5 μm resolution
 - N 1701-PF, air to electronic modules, single input for Mahr 2500/5000 2-jet tooling, Mahr 2500/5000 4-jet tooling and Mahr 10,000 high magnification tooling. Two Air modules can be connected to the C 1202.
- Static measurement: length and angle e.g. taper angle
- Angle display in decimal degrees / degrees: minutes: seconds / radians
- Dynamic measurement: Max, Min, Max-Min, (Max + Min)/ 2 tolerances and warning limits
- Time-controlled measurement: measuring time, break time, start delay
- 1-point and 2-point master measurement, each feature individually or together
- Up to 3 features, individually activated for display
- User-selectable input for send data, master measurement, clear max min, measure, time, start, stop
- Different settings can be saved, allows quick configuration



Product Line Consolidation

With the powerful features and configuration capabilities found in the new Millimar C 1202, there are now duplicate products within Mahr's Millimar length evaluation product line. Because of this, Mahr is announcing the upcoming discontinuation of many of our existing evaluation units.



Product Cross Reference Guide

The following table provides examples of C 1202 replacement configurations for product models that are to be discontinued. Other configurations for air tooling of 4-jet or high magnification

are available. Prices are current list and promotional saving may be applicable. Contact Mahr Technical Support for pricing and other configurations.

Order No.	Model	Suggested Replacements for 830, 832, C 1208, C 1216 LVDT Standard Resolution Applications
5312025	C 1202	Millimar bench evaluation unit with power supply and micro SD card. Measuring module not included.
5331120	N 1702 M	Inductive probe module for 2 Mahr LVDT, resolution to 0.1 µm / 5µin

Order No.	Model	Suggested Replacements for 832, C 1208, C 1216 C 1240 LVDT High Resolution Applications
5312025	C 1202	Millimar bench evaluation unit with power supply and micro SD card. Measuring module not included.
5331125	N 1702 M-HR	Inductive probe module for 2 Mahr LVDT, resolution to 0.01 µm / 0.5µin

Order No.	Model	Suggested Replacements for 832PE, C 1208PE and Dimensionair Single Channel Air Applications
5312025	C 1202	Millimar bench evaluation unit with power supply and micro SD card. Measuring module not included.
5331155	N 1701 PF	Module for Mahr Federal air tool 2500:1 / 5000:1 in
2258471	Air kit	Air filter/regulator for up to three modules

Order No.	Model	Suggested Replacements for 832PE, C 1245PE Dual Channel Air Applications
5312025	C 1202	Millimar bench evaluation unit with power supply and micro SD card. Measuring module not included.
5331155 (x2)	N 1701 PF	Module for Mahr Federal air tool 2500:1 / 5000:1
2258471	Air kit	Air filter/regulator for up to three modules
5312950	Extension rail	Extension rail for connecting two modules to C1202

The Capable C 1202 Bench Evaluation System

The new Millimar C 1202 is capable of providing solutions to all current bench amplifier gaging needs, whether they are LVDT, digital probe or air applications.

Mahr is excited about the new features and capabilities of the C 1202. If you have any questions or require further assistance, please contact Product Management at Mahr Inc., Providence, RI.



Millimar Amplifiers being discontinued as inventory depletes.

Item No.	Description 1	Description 2
2121700	AMPLIFIER, 830F, 120V STANDARD	FEDERAL PROBES
2121701	AMPLIFIER, 830F, 120V ARCSEC	FEDERAL SPEC
2121702	AMPLIFIER, 830M, 120V STANDARD	MAHR PROBES
2121703	AMPLIFIER, 830F, 120V HIGH MAG	FEDERAL PROBES
2121704	AMPLIFIER, 830F, 220V EU STD	FEDERAL PROBES
2121705	AMPLIFIER, 830F, UK CHARGER	FEDERAL PROBES
2121706	AMPLIFIER, 830M, 220V STANDARD	220 V (EU) für Induktivtaster
2121707	AMPLIFIER, 830M, MAHR PROBES,	240V, UK, STANDARD MODEL
2121708	AMPLIFIER, 830F,FEDERAL PROBES	220V EU, ANGULAR MODEL
2121709	AMPLIFIER, 830F,FEDERAL PROBES	240V UK, ANGULAR MODEL
2121710	AMPLIFIER, 830F, FERDERAL	PROBES, 220V, HIGH RESOLUTION
2121711	AMPLIFIER, 830F,FEDERAL PROBES	240V UK, HIGH RESOLUTION-INCH
2121462	AMPLIFIER KIT,830M,HI-RES-INCH	(2)P2004M PROBES, W/CERT.
2121465	830M AMP, MAHR, HIGH MAG-INCH	(SAME RANGES AS 2121424)
2004000	AMP.832M,MAHR PROBES,	AC/DC ADAPTOR "NAFTA"
2004001	AMP.832M,MAHR PROBES,	AC/DC ADAPTOR "ROW"
2004002	AMP.832M,MAHR PROBES,	BATTERY W/CHARGER "NAFTA"
2004003	AMP.832M,MAHR PROBES,	BATTERY W/CHARGER "EUROPE"
2004004	AMP.832M,MAHR PROBES,	BATTERY W/CHARGER "U.K."
2004005	AMP.832F,FEDERAL PROBES,	AC/DC ADAPTOR "NAFTA"
2004006	AMP.832F, FOR FEDERAL PROBES,	
2004007	AMP.832F,FEDERAL PROBES,	BATTERY W/CHARGER "NAFTA"
2004008	AMP.832F,FEDERAL PROBES,220V	BATTERY W/CHARGER "EUROPE"
2004009	AMP.832F,FEDERAL PROBES,	BATTERY W/CHARGER "U.K."
2004100	DIG. DIMENSIONAIR, 832,1 CHAN,	20-50-60 MAG,2-3 JET, "NAFTA"
2004101	DIG. DIMENSIONAIR, 832,1 CHAN,	LOW MAG, 4 JET, "NAFTA"
2004102	DIG. DIMENSIONAIR, 832,1 CHAN,	LOW MAG, 6 JET, "NAFTA"
2004103	DIG. DIMENSIONAIR, 832,1 CHAN,	HIGH MAG, 1-2-3 JET, "NAFTA"
2004104	DIG. DIMENSIONAIR, 832,1 CHAN,	HIGH MAG, 4 JET, "NAFTA"
2004105	DIG. DIMENSIONAIR, 832,1 CHAN,	HIGH MAG, 6 JET, "NAFTA"
2004106	DIG. DIMENSIONAIR, 832,2 CHAN,	LOW MAG, 1-2-3 JET, "NAFTA"
2004107	DIG. DIMENSIONAIR, 832,2 CHAN,	LOW MAG, 4 JET, "NAFTA"
2004108	DIG. DIMENSIONAIR, 832,2 CHAN,	LOW MAG, 6 JET, "NAFTA"
2004109	DIG. DIMENSIONAIR, 832,2 CHAN,	HIGH MAG, 1-2-3 JET, "NAFTA"
2004110	DIG. DIMENSIONAIR, 832,2 CHAN,	HIGH MAG, 4 JET, "NAFTA"
2004111	DIG. DIMENSIONAIR, 832,2 CHAN,	HIGH MAG, 6 JET, "NAFTA"



Millimar Amplifiers being discontinued as inventory depletes.

Item No.	Description 1	Description 2
2004112	DIG. DIMENSIONAIR, 832,1 CHAN,	LOW MAG, 1-2-3 JET, "ROW"
2004113	DIG. DIMENSIONAIR, 832,1 CHAN,	LOW MAG, 4 JET, "ROW"
2004114	DIG. DIMENSIONAIR, 832,1 CHAN,	LOW MAG, 6 JET, "ROW"
2004115	DIG. DIMENSIONAIR, 832,1 CHAN,	HIGH MAG, 1-2-3 JET, "ROW"
2004116	DIG. DIMENSIONAIR, 832,1 CHAN,	HIGH MAG, 4 JET, "ROW"
2004117	DIG. DIMENSIONAIR, 832,1 CHAN,	HIGH MAG, 6 JET, "ROW"
2004118	DIG. DIMENSIONAIR, 832,2 CHAN,	LOW MAG, 1-2-3 JET, "ROW"
2004119	DIG. DIMENSIONAIR, 832,2 CHAN,	LOW MAG, 4 JET, "ROW"
2004120	DIG. DIMENSIONAIR, 832,2 CHAN,	LOW MAG, 6 JET, "ROW"
2004121	DIG. DIMENSIONAIR, 832,2 CHAN,	HIGH MAG, 1-2-3 JET, "ROW"
2004122	DIG. DIMENSIONAIR, 832,2 CHAN,	HIGH MAG, 4 JET, "ROW"
2004123	DIG. DIMENSIONAIR, 832,2 CHAN,	HIGH MAG, 6 JET, "ROW"
2111142	DIMENSIONAIR, DUAL D2-2500,	W/OUT PRESS. METER
2090851	DIMENSIONAIR, DUAL, D2-2500M,	METRIC
2096197	AIR AMPLIFIER, 4000:1METRIC,4J	MECHANICAL,REPLACES D-4000M-4J
2096198	AIR AMPLIFIER, 2500:1, 6-JET,	MECHANICAL
2095183	AIR AMPLIFIER, 1250:1, .0001"	RES, +/- .003" RANGE, ANALOG
2095184	AIR AMPLIFIER, 2500:1, .00005"	RES, +/- .0015" RANGE, ANALOG
2095185	AIR AMPLIFIER, 5000:1, .00002"	RES, +/- .00075" RANGE, ANALOG
2095186	AIR AMPLIFIER, 10000:1, .00001"	RES, +/- .0003" RANGE, ANALOG
2095189	AIR AMPLIFIER, 20000:1, .000005"	RES, +/- .00015" RANGE, ANALOG
2095190	AIR AMPLIFIER, 1250:1, 2 UM	RES, +/- 76 UM RANGE, ANALOG
2095191	AIR AMPLIFIER, 2500:1, 1 UM	RES, +/- 38 UM RANGE, ANALOG
2095192	AIR AMPLIFIER, 5000:1, 0.5 UM	RES, +/- 19 UM RANGE, ANALOG
2095193	AIR AMPLIFIER, 10000:1, 0.2 UM	RES, 7.6 UM RANGE, ANALOG
2095194	AIR AMPLIFIER, 20000:1, 0.1 UM	RES, 3.8 UM RANGE, ANALOG
2095195	AIR AMPLIFIER, 4000:1, .000025"	RES, +/- .0015" RANGE, ANALOG
2095196	AIR AMPLIFIER, 8000:1, .000010"	RES, +/- .00075" RANGE, ANALOG
2095197	AIR AMPLIFIER, 16000:1, .000010"	RES, +/- .0003" RANGE, ANALOG
2095198	AIR AMPLIFIER, 32000:1, .000005"	RES, +/- .00015" RANGE, ANALOG
2095199	AIR AMPLIFIER, 4000:1, 0.5 UM	RES, +/- 38 UM, RANGE, ANALOG
2095200	AIR AMPLIFIER, 8000:1, 0.2 UM	RES, +/- 19 UM RANGE, ANALOG
2095201	AIR AMPLIFIER, 16000:1, 0.2 UM	RES, +/- 7.6 UM RANGE, ANALOG
2095202	AIR AMPLIFIER, 32000:1, 0.1 UM	RES, +/- 3.8 UM RANGE, ANALOG
2098125	DIMENSIONAIR, UNIVERSAL	
2098017	AIR AMPLIFIER, 8000:1, 4 JET,	MECHANICAL,REPLACES D-8000-4J
2098973	AIR AMPLIFIER, 8000:1, 6 JET,	MECHANICAL,REPLACES D-8000-6J



Millimar Amplifiers being discontinued as inventory depletes.

Item No.	Description 1	Description 2
2099240	AIR AMPLIFIER, 2500:1, 4J	MECHANICAL, REPLACES D-2500-4J
2099774	AIR AMPLIFIER, 4000:1 MATCHING	,MECHANICAL,REPLACES D-4000-MA
2103200	UDIMENSIONAIR II	HANDHELD AIR GAGE - LO MAG.
2103470	DIMENSIONAIR, UNIVERSAL, LOW	MAG, 6 JET, 3-0-3, 1/4" PUSH
2106131	DIMENSIONAIR, DA-SP-190-W13,	FOR 6500 FT ALT. & 45' HOSE

MaraMeter 57B

Items being discontinued:

Order no.	Model	Included Readout	Application
2050982	57B-14	32I-RC	Deadload
2050984	57B-15	D8IS	Deadload
2050983	57B-14M	Q1I-RC	Deadload
2050985	57B-15M	SQ6IS	Deadload
2050980	57B-13	25M-RC	Wire Coating
2050981	57B-13M	26I-RC	Wire Coating
2051884	EMD-57B-11	2033101 Maxµm III	General Thickness
2051885	EMD-57B-11D	2033111 Maxµm III	General Thickness

Current 57B gages available:

Order no.	Model	Included Readout	Application
2057551	XLI-57B-15	4337628 / 1086Ri	Deadload
2057550	XLI-57B-13	4337628 / 1086Ri	Wire Coating
2057548	XLI-57B-11	4337651 (1086ZR) 12.5mm / 0.5"	General Thickness
2057549	XLI-57B-12	4337650 (1086 ZR) 25mm / 1"	General Thickness

MaraMeter 36B Transition

Items being discontinued:

Order no.	Model	Indicator
2051693	EDI-36B-10	2034201 μMaxμm II
2051695	EDI-36B-20	2034201 μMaxμm II
2051863	EMD-36B-10	2033109 Maxμm III
2051873	EMD-36B-20	2033109 Maxμm III
2051864	EMD-36B-10D	2033111 Maxμm III
2051874	EMD-36B-20D	2033111 Maxμm III
2050644	36B-10M	IDS-317 Indicator (Q1I-RC)
2050648	36B-20M	IDS-317 Indicator (Q1I-RC)
2050643	36B-10	IDT-187 Indicator (32I-RC)
2050647	36B-20	IDT-187 Indicator (32I-RC)
2051696	EDI-36B-9	2034201 μMaxμm II
2051694	EMD-36B-9D	2034201 μMaxμm II
2051881	EMD-36-9D	2033145 MaxumIII (special 4:5 ratio)
2051871	EMD-36B-19D	2033145 MaxumIII (special 4:5 ratio)
2050645	36B-19	IDT-188 Indicator (32K-RC)
2050652	36B-9	IDT-188 Indicator (32K-RC)
2050646	36B-19M	IDS-318 Indicator (Q21-RC)
2050653	36B-19M	IDS-318 Indicator (Q21-RC)
2061657	36B-10-VT	4337662 (1087 BR)
2061658	36B-20-VT	4337662 (1087 BR)

Current 36B gages available:

Order no.	Model	Indicator
2003200	M36B-10 (Small T)	none
2003201	M36B-20 (Large T)	none
XXXXXX	M36B-9 (Small V)	none
XXXXXX	M36B-10 (Large V)	none



MaraMeter 300P Transition

Items Being Discontinued							Current 301P gages available		
Type	M-300P-x	300P-xM	301P-xM	OMI-300P-x	300P-x	301P-x	Metric Stem	Inch Stem	
Order no.	Order no.	Order no.	Order no.	Order no.	Order no.	Order no.	Order no.	Order no.	
Lifting lever			x			x	x	x	
Indicator included	None	x	x	None	x	x	None	None	
Measuring range									
Inch	mm								
0 - 1"	0 - 25,4	2003100	2050496	2050496	2054281	2050485	2050562	2003110	2054300
1 - 2"	25,4 - 50,8	2003101	2050498	2050498	2054287	2050497	2050574	2003111	2054306
2 - 3"	50,8 - 76,2	2003102	2050510	2050510	2054288	2050499	2050576	2003112	2054307
3 - 4"	76,2 - 101,6	2003103	2050513	2050513	2054294	2050511	2050588	2003113	2054313
4 - 5"	101,6 - 127	2003104	2050515	2050515	2054295	2050514	2050590	2003114	2054314
5 - 6"	127 - 152,4	2003105	2050517	2050517	2054296	2050516	2050592	2003115	2054315
6 - 7"	152,4 - 177,8	2003106	2050526	2050526	2054297	2050518	2050594	2003116	2054316
7 - 8"	177,8 - 203,2	2003107	2050528	2050528	2054298	2050527	2050596	2003117	2054317
8 - 9"	203,2 - 228,6	2003108	2050530	2050530	2054299	2050529	2050598	2003118	2054318
9 - 10"	228,6 - 254	2063910	2050487	2050487	2054282	2050486	2050563	2064110	2054301
10 - 11"	254 - 279,4	2063911	2050489	2050489	2054283	2050488	2050565	2064111	2054302
11 - 12"	279,4 - 304,8	2063912	2050491	2050491	2054284	2050490	2050567	2064112	2054303
12 - 13"	304,8 - 330,2	2063913	2050493	2050493	2054285	2050492	2050569	2064113	2054304
13 - 14"	330,2 - 355,6	2063914	2050495	2050495	2054286	2050494	2050571	2064114	2054305
14 - 15"	355,6 - 381	2063915	2063824	2063830	2063315	2063515	2063615	2064115	2063415
15 - 16"	381 - 406,4	2063916	2063825	2063831	2063316	2063516	2063616	2064116	2063416
16 - 17"	406,4 - 431,8	2063917	2063826	2063832	2063317	2063517	2063617	2064117	2063417
17 - 18"	431,8 - 457,2	2063918	2063827	2063833	2063318	2063518	2063618	2064118	2063418
18 - 19"	457,2 - 482,6	2063919	2063828	2063834	2063319	2063519	2063619	2064119	2063419
19 - 20"	482,6 - 508	2063920	2063829	2063835	2063320	2063520	2063620	2064120	2063420
shaft		8	3/8"	3/8"	3/8"	3/8"	3/8"	8	3/8"



MaraMeter 300P Transition Continued

Type		EDI-300P-3x	EMD-300P-3x	M-300P-3x	OMI-300P-3x	300P-3x	301P-3x	Metric Stem	Inch Stem
Lifting lever							x	x	x
Indicator included		µMaxum II (2034201)	MaxµmIII (2033119)	None	None	x	x	None	None
Measuring range		Order no.	Order no.	Order no.	Order no.	Order no.	Order no.	Order no.	Order no.
Inch	mm	2051667	2051739	2063931	2054289	2054289	2050577	2064131	2054308
0 - 1"	0 - 25,4	2063732	2051743	2063932	2054290	2054290	2050579	2064132	2054309
1 - 2"	25,4 - 50,8	2063733	2051747	2063933	2054291	2054291	2050581	2064133	2054310
2 - 3"	50,8 - 76,2	2063734	2051751	2063934	2054292	2054292	2050583	2064134	2054311
3 - 4"	76,2 - 101,6	2063735	2051755	2063935	2054293	2054293	2050585	2064135	2054312
4 - 5"	101,6 - 127	2063736	2063836	2063936	2054336	2063536	2063636	2064136	2063436
5 - 6"	127 - 152,4	2063737	2063837	2063937	2054337	2063537	2063637	2064137	2063437
6 - 7"	152,4 - 177,8	2063738	2063838	2063938	2054338	2063538	2063638	2064138	2063438
7 - 8"	177,8 - 203,2	2063739	2063839	2063939	2054339	2063539	2063639	2064139	2063439
shaft		3/8"	3/8"	8	3/8"	3/8"	3/8"	8	3/8"



MarCator dial indicators discontinued:

Part number	Description		Size
2011341	AGD 3 BEZEL, MAX HAND ASSEMBLY		?
2011743	INDICATOR, N1/20, .250MM RANGE	VERT. LUG, + ON RIGHT,	A
2011004	INDICATOR, 12Q, .00025" GRADS,	.025" RANGE, VERT LUG, + ON R	B
2011005	INDICATOR, 12Q-RC, .00025" GRADS	.025" R, VERT LUG, CONT DIAL	B
2011107	INDICATOR, B3K-RC, .00025"	GRAD, .050" R	B
2011114	INDICATOR, B3W, .001" GRAD,	.050" R, VERT. LUG, +R,	B
2011124	INDICATOR, B6K-RC, .0005"	GRAD, .100" R	B
2011138	INDICATOR, B7O-RC, .001" GRAD,	.125" R	B
2011767	INDICATOR, O1I-RC, .002MM	GRAD, .500MM R	B
2011115	INDICATOR, B3W-RC, .001" GRAD	.050" R	B
2011119	INDICATOR, B5M-RC		B
2011129	INDICATOR, B6Q-RC, .001" GRAD,		B
2011128	INDICATOR, B6Q, .001" GRAD,	.100" R, VERT. LUG, + ON RIGHT	B
2011779	INDICATOR, O8I, .025MM GRAD,	6.250MM R, VERT. LUG, +R	B
2011123	INDICATOR, B6K, .0005" GRAD,	.100" R, VERT. LUG, + ON RIGHT	B
2011111	INDICATOR, B3Q-RC, .0005"	GRAD, .050" R	B
2011137	INDICATOR, B7O, .001" GRAD,	.125" R, VERT. LUG, +R,	B
2011110	INDICATOR, B3Q, .0005" GRAD,	.050" R, VERT. LUG, +R,	B
2011134	INDICATOR, B7I-RC, .0005" GRAD	.125" RANGE, W/ REV COUNTER	B
2011054	INDICATOR, 32Q, .00025" GRADS	.025" RANGE, VERT LUG, + ON R	D
2011055	INDICATOR, 32Q-RC, .00025" GRADS	.025" RANGE, VERT LUG, CONT DIAL	D
2011812	INDICATOR, P1/2I-RC, .001MM	GRAD, .250MM RANGE	C
2014791	INDICATOR, 22QN-RC, .00025" GRAD	.025 RANGE, W/ REV COUNTER	C
2014809	INDICATOR, 23W-RC, .001" GRAD,	.050" RANGE, W/ REV COUNTER	C
2014813	INDICATOR, 26Q-RC, .001" GRAD,	.100" RANGE, W/ REV COUNTER	C
2014815	INDICATOR, 27O-RC, .001" GRAD,	.125" RANGE, W/ REV COUNTER	C
2014819	INDICATOR, 28IM-RC, .02MM GRAD,	5.00MM RANGE, W/ REV COUNTER	C
2015782	INDICATOR, 22QN, .025 RANGE,	.00025 GRAD, BAL DIAL, NO R/C	C
2015789	INDICATOR, 26Q, .100 RANGE,	.001 GRAD, BAL DIAL, NO R/C	C
2011161	INDICATOR, C1K, .0001" GRAD,	.020" R, VERT. LUG, +R,	C
2011817	INDICATOR, P1I-RC, .002MM	GRAD, .500MM R	C



MarCator dial indicators discontinued, continued:

Part number	Description		Size
2014817	INDICATOR, 23I-RC,.005MM GRAD,	1.250MM RANGE, W/ REV COUNTER	C
2011158	INDICATOR, C1/2K-RC, .00005"	GRAD, .010" R	C
2011162	INDICATOR, C1K-RC, .0001" GRAD	.020" R	C
2014808	INDICATOR, 23K-RC,.00025" GRAD	.050" RANGE, W/ REV COUNTER	C
2014810	INDICATOR, 23Q-RC,.0005" GRAD,	.050" RANGE, W/ REV COUNTER	C
2014812	INDICATOR, 26K-RC,.0005" GRAD,	.100" RANGE, W/ REV COUNTER	C
2014818	INDICATOR, 26I-RC,.010MM GRAD,	2.500MM RANGE. WITH R/C	C
2015791	INDICATOR, 27O, .125 RANGE,	.001 GRAD, BAL DIAL, NO R/C	C
2011157	INDICATOR, C1/2K, .00005" GRAD	.010" R	C
2015784	INDICATOR, 23Q, .050 RANGE,	.0005 GRAD, BAL DIAL, NO R/C	C
2014811	INDICATOR, 25M-RC,.0005" GRAD,	.075" RANGE, W/ REV COUNTER	C
2011226	INDICATOR, D1K, .0001" GRAD,	.020" R, VERT. LUG, + ON RIGHT	D
2011227	INDICATOR, D1K-RC, .0001" GRAD	.020" R	D
2011234	INDICATOR, D3Q, .0005" GRAD,	.050" R, VERT. LUG, + ON RIGHT	D
2011235	INDICATOR, D3Q-RC, .0005" GRAD	.050" R	D
2011238	INDICATOR, D3W, .001" GRAD,	.050" R, VERT. LUG, + ON RIGHT	D
2011239	INDICATOR, D3W-RC, .001" GRAD,	.050" R	D
2011242	INDICATOR, D5G, .00025" GRAD,	.075" R, VERT. LUG, + ON RIGHT	D
2011243	INDICATOR, D5G-RC, .00025"	GRAD, .075" R	D
2011247	INDICATOR, D5M-RC, .0005" GRAD	.075" R	D
2011251	INDICATOR, D6K-RC, .0005" GRAD	.100" R	D
2011254	INDICATOR, D6Q, .001" GRAD,	.100" R, VERT. LUG, + ON RIGHT	D
2011255	INDICATOR, D6Q-RC, .001" GRAD,	.100" R	D
2011259	INDICATOR, D7I RC		D
2011262	INDICATOR, D7O, .001" GRAD,		D
2011263	INDICATOR, D7O-RC, .001" GRAD,	.125" R	D
2011267	INDICATOR, D8I-RC, .001" GRAD,	.250" R	D
2011871	INDICATOR, Q3I, .005MM GRAD,	1.250MM R, VERT. LUG, +R	D
2011872	INDICATOR, Q3I, .005MM GRAD,	REV COUNTER, CONT DIAL, LUG BK	D
2011876	INDICATOR, Q6I-RC, .010MM		D
2011880	INDICATOR, Q8I-RC, .020MM		D
2011883	INDICATOR, Q8IT, .025MM GRAD,	50.000MM R	D
2012384	INDICATOR, SQ6IS, .010MM GRAD,	25.000MM R	D
2011231	INDICATOR, D3K-RC, .00025"	GRAD, .050" R	D
2011051	INDICATOR, 32I-RC,.0001" GRADS	.025" RANGE,VERT LUG,CONT DIAL	D
2011246	INDICATOR, D5M, .0005" GRAD,	.075" R, VERT. LUG, +R,	D



MarCator dial indicators discontinued, continued:

Part number	Description		Size
2011879	INDICATOR, Q8I, .020MM GRAD,	5.000MM R, VERT. LUG, +R	D
2011258	INDICATOR, D7I, .0005" GRAD,	.125" R, VERT. LUG, + ON RIGHT	D
2011266	INDICATOR, D8I, .001" GRAD,	.250" R, VERT. LUG, +R,	D
2011868	INDICATOR, Q1I-RC, .002MM	GRAD, .500MM R	D
2011230	INDICATOR, D3K, .00025" GRAD,	.050" R, VERT. LUG, + ON RIGHT	D
2011867	INDICATOR, Q1I, .002MM GRAD,	.500MM R, VERT. LUG, +R	D
2011875	INDICATOR, Q6I, .010MM GRAD,	2.500MM R, VERT. LUG, +R	D

Indicator Gage Multimar M36-B10 / M36B-20

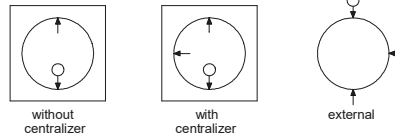
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Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.

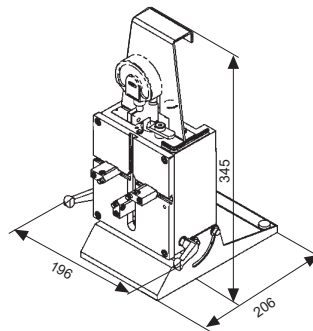
- Excellent accuracy due to parallel springs in the probe being frictionless and free of play.
- Surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** Indicator Dependent
- **Scope of delivery:** Instruction manual, Set of jaws JW-69 Metric
- **Supplied with mounting for 8mm and .375" stem indicators**



Technical Data

Order no.		2003200	2003201
Product type		M36B-10	M36B-20
Application range outside	mm	6 –127	6 –222
Application range outside	inch	.25 –5"	.25 –8.75"
Application range inside	mm	19 –89	19 –197
Application range inside	inch	.75 –3.5"	.75 –7.75"
Measuring force, adjustable	N	0 –35	
Probe path , adjustable	mm	6 –10 mm	
Probe path , adjustable	inch	.25 –.40"	
Indicating instrument (included in delivery)		NONE	

Order no.	Mounting bore	Mounting hole
	inch	mm
2003200	.375"	8
2003201	.375"	8

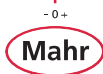
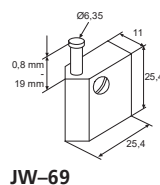


Accessories

Order no.	Product name	Product type
4337662	Digital Indicator, 0.0005 mm, 12.5 mm	1087 BR
4337664	Digital Indicator, 0.0005 mm, 12.5 mm	1087 BRi
2220461	Jaw Set, Made of Steel - for Metric version M36B	JW-69
2225694	Contact Pin for Metric Jaw, Material Steel	PS-276
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003216	Contact for JW-58, Made of carbide	PS-226



Order no.	Product name	Product
4333000	Millimess 5 µm, ± 130 µm	1004
4334001	Millimess 2 µm, ± 130 µm	1003 XL
4333900	Millimess .0001", ± 0.0050"	1004 Z
4332900	Millimess .0005", ± 0.010"	1010 Z
4311900	MarCator .0005", 0.120"	803 AZ
4326000	MarCator 0.01mm, 3mm	803 SW
4346800	Millimess Inductive comparator ± 1mm / ± 0.040"	2001 W
4346801	Millimess Inductive comparator ± 1mm / ± 0.040"	2001 Wi



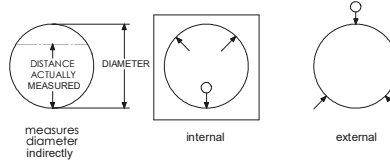
Indicator Gage Multimar M36B-9 / M36B-19

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Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.



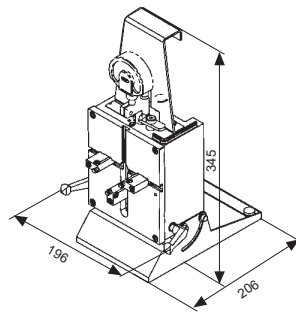
- Excellent accuracy due to the parallel springs in the probe being frictionless and free of play.
- User friendly: the surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** Indicator Dependent
- **Scope of delivery:** Set of jaws JW- Ø, Instruction manual
- Supplied with mounting for 8mm and .375"

Digital Indicator with multiplier capability - 4:5 ratio required

Technical Data

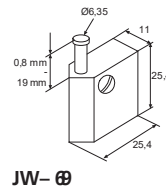
Order no.		2064506	2064863
Product type		M-36B-9	M-36B-19
Application range outside	mm	8 – 127	8 – 241
Application range outside	inch	.312 – 5"	.312 – 9.5"
Application range inside	mm	21 – 117	21 – 229
Application range inside	inch	.812 – 4.625"	.812 – 9"
Measuring force, adjustable	N	0 – 35	
Probe path , adjustable	mm	6 – 10 mm	
Probe path , adjustable	inch	.25 – .40"	
Indicating instrument (included in delivery)		NONE	

Order no.	Mounting bore	
	mm	inch
2064506	8mm	.375"
2064863	8mm	.375"



Accessories

Order no.	Product name	Product type
2220461	Jaw set Metric, Steel	JW-69
2003210	Jaw set, Material steel	JW-9
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003215	Contact for JW-9, Material steel	PS-55
2003216	Contact for JW-58, Made of carbide	PS-226



Order no.	Product name	Product
4337662	Digital Indicator, 0.0005 mm, 12.5 mm / .5"	1087BR
4337664	Digital Indicator, 0.0005 mm, 12.5 mm / .5"	1087BRi
4346800	Millimess Inductive comparator ± 1mm / ± 0.040"	2001 W
4346801	Millimess Inductive comparator ± 1mm / ± 0.040"	2001 Wi



Indicator Gage Multimar EDI-36B / EMD-36B



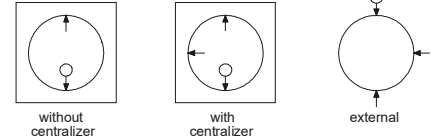
- Excellent accuracy due to the parallel springs in the probe being frictionless and free of play.
- User friendly: the surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** Digimatic, RS232C, USB
- **Energy supply:** Battery operation
- **Scope of delivery:** Set of jaws JW-9, Instruction manual



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Update

Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.

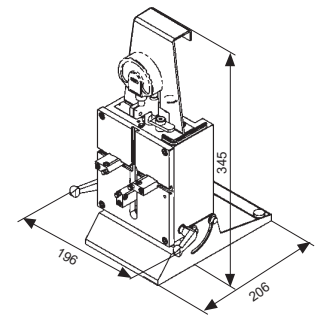


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Technical Data

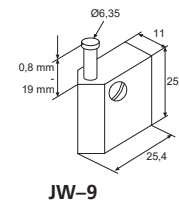
Order no.	2051693	2051695	2051863	2051873	2051864	2051874
Product type	EDI-36B-10	EDI-36B-20	EMD-36B-10	EMD-36B-20	EMD-36B-10D	EMD-36B-20D
Application range outside	mm 6-127	6-222	6-127	6-222	6-127	6-222
Application range outside	inch .25-5"	.25-8.75"	.25-5"	.25-8.75"	.25-5"	.25-8.75"
Application range inside	mm 19-89	19-197	19-89	19-197	19-89	19-197
Application range inside	inch .75-3.5"	.75-7.75"	.75-3.5"	.75-7.75"	.75-3.5"	.75-7.75"
Resolution	mm 0.0002, 0.0005, 0.001, 0.002, 0.005, 0.01, 0.02			0.0005, 0.001, 0.005		
Resolution	inch		.00002", .00005", .0001", .0005"			
Measuring force, adjustable	N		0-35			
Probe path, adjustable	mm		6-10 mm			
Probe path, adjustable	inch		.25-.40"			
Indicating instrument (included in delivery)		2034201 µMaxµm II	2033109 Maxµm III		2033111 Maxµm III	

Order no.	Mounting bore
2051693	.375"
2051695	.375"
2051863	.375"
2051873	.375"
2051864	.375"
2051874	.375"



Accessories

Order no.	Product name	Product type
2003210	Jaw set, Material steel	JW-9
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003215	Contact for JW-69, Material steel	PS-55
2003216	Contact for JW-58, Made of carbide	PS-226



Indicator Gage Multimar M36-B10 / M36B-20

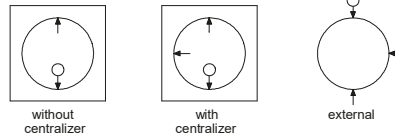
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Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.

- Excellent accuracy due to parallel springs in the probe being frictionless and free of play.
- Surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** none
- **Scope of delivery:** Instruction manual, Set of jaws JW-9, (JW-69 for M36B)

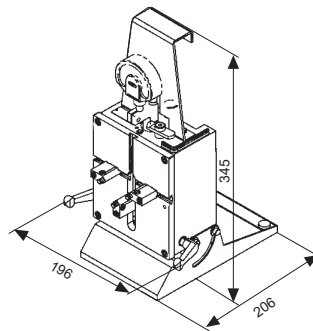


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Technical Data

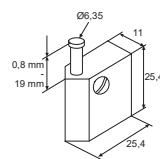
Order no.		2003200	2003201	2050644	2050648
Product type		M36B-10	M36B-20	36B-10M	36B-20M
Application range outside	mm	6 – 127	6 – 222	6 – 127	6 – 222
Application range outside	inch	.25 – 5"	.25 – 8.75"	.25 – 5"	.25 – 8.75"
Application range inside	mm	19 – 89	19 – 197	19 – 89	19 – 197
Application range inside	inch	.75 – 3.5"	.75 – 7.75"	.75 – 3.5"	.75 – 7.75"
Graduation value	mm			0.002	
Measuring force, adjustable	N			0 – 35	
Probe path, adjustable	mm			6 – 10 mm	
Probe path, adjustable	inch		.25 – .40"		
Indicating instrument (included in delivery)			NONE	IDS-317 Indicator (Q11-RC)	IDS-317 Indicator (Q11-RC)

Order no.	Mounting bore	Mounting hole
	inch	mm
2003200		8
2003201		8
2050644	.375"	
2050648	.375"	



Accessories

Order no.	Product name	Product type
4337662	Digital Indicator, 0.0005 mm, 12.5 mm	1087 BR
4337664	Digital Indicator, 0.0005 mm, 12.5 mm	1087 BRi
2220461	Jaw Set, Made of Steel - for Metric version M36B	JW-69
2225694	Contact Pin for Metric Jaw, Material Steel	PS-276
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003216	Contact for JW-58, Made of carbide	PS-226



JW-9

Indicator Gage Multimar 36B-10 / 36B-20

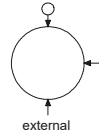
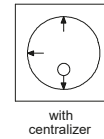
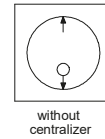
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Update

- Excellent accuracy due to parallel springs in the probe being frictionless and free of play.
- Surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** none
- **Scope of delivery:** Set of jaws JW-9, Instruction manual



Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.

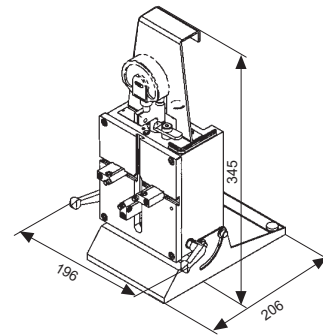


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Technical Data

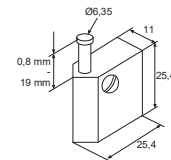
Order no.		2050643	2050647
Product type		36B-10	36B-20
Application range outside	inch	.25 - 5"	.25 - 8.75"
Application range inside	inch	.75 - 3.5"	.75 - 7.75"
Graduation value	inch		.0001"
Measuring force, adjustable	N	0 - 25	
Probe path, adjustable	inch	.25 - .40"	
Indicating instrument (included in delivery)		IDT-187 Indicator (32I-RC)	

Order no.	Mounting bore
	inch
2050643	.375"
2050647	.375"



Accessories

Order no.	Product name	Product type
2003210	Jaw set, Material steel	JW-9
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003215	Contact for JW-9, Material steel	PS-55
2003216	Contact for JW-58, Made of carbide	PS-226



JW-9

Indicator Gage Multimar EDI-36B-9 / EDI-36B-19 / EMD-36-9D / EMD-36B-19D

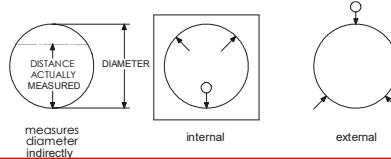


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- Excellent accuracy due to the parallel springs in the probe being frictionless and free of play.
- User friendly: the surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** Digimatic, RS232C, USB
- **Energy supply:** Battery operation
- **Scope of delivery:** Set of jaws JW-9, Instruction manual

Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.

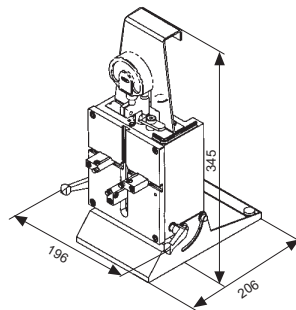


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Technical Data

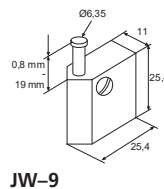
Order no.		2051696	2051694	2051881	2051871
Product type		EDI-36B-9	EMD-36B-9D	EMD-36-9D	EMD-36B-19D
Application range outside	mm	8 - 127	8 - 241	8 - 127	8 - 241
Application range outside	inch	.312 - 5"	.312 - 9.5"	.312 - 5"	.312 - 9.5"
Application range inside	mm	21 - 117	21 - 229	21 - 117	21 - 229
Application range inside	inch	.812 - 4.625"	.812 - 9"	.812 - 4.625"	.812 - 9"
Resolution	mm	0.0002, 0.0005, 0.001, 0.002, 0.005, 0.01, 0.02		0.0005, 0.001, 0.005	
Resolution	inch	.00001", .00002", .00005", .0001", .0002", .0005", .001"		.00002", .00005", .0001", .0005"	
Measuring force, adjustable	N				0 - 35
Probe path, adjustable	mm				6 - 10 mm
Probe path, adjustable	inch				.25 - .40"
Indicating instrument (included in delivery)		2034201 µMaxµm II		2033145 MaxumIII (special 4:5 ratio)	

Order no.	Mounting bore
	inch
2051696	.375"
2051694	.375"
2051881	.375"
2051871	.375"



Accessories

Order no.	Product name	Product type
2003210	Jaw set, Material steel	JW-9
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003215	Contact for JW-9, Material steel	PS-55
2003216	Contact for JW-58, Made of carbide	PS-226



Indicator Gage Multimar 36B-19 / 36B-9

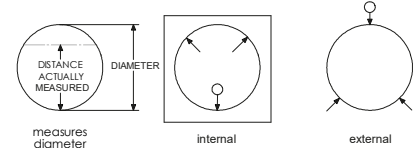
- Excellent accuracy due to the parallel springs in the probe being frictionless and free of play.
- User friendly: the surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** none
- **Scope of delivery:** Set of jaws JW-9, Instruction manual



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Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.

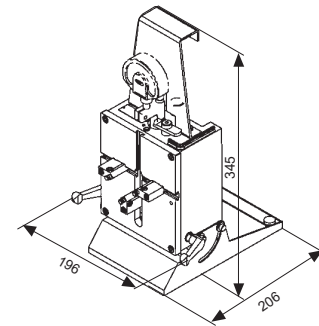


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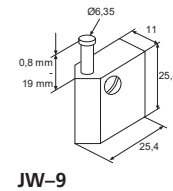
Order no.	2050645	2050652
Product type	36B-19	36B-9
Application range outside	inch .312 - 9.5"	inch .312 - 5"
Application range inside	inch .812 - 9"	inch .812 - 4.625"
Graduation value	inch .0001"	inch .0001"
Measuring force, adjustable	N 0 - 35	N 0 - 35
Probe path, adjustable	inch .25 - .40"	inch .25 - .40"
Indicating instrument (included in delivery)	IDT-188 Indicator (32K-RC)	

Order no.	Mounting hole
	mm
2050645	9.53
2050652	9.53



Accessories

Order no.	Product name	Product type
2003210	Jaw set, Material steel	JW-9
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003215	Contact for JW-9, Material steel	PS-55
2003216	Contact for JW-58, Made of carbide	PS-226



Indicator Gage Multimar 36B-19M / 36B-9M

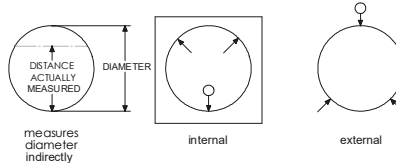
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- Excellent accuracy due to the parallel springs in the probe being frictionless and free of play.
- User friendly: the surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** none
- **Scope of delivery:** Set of jaws JW-9, Instruction manual

Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.

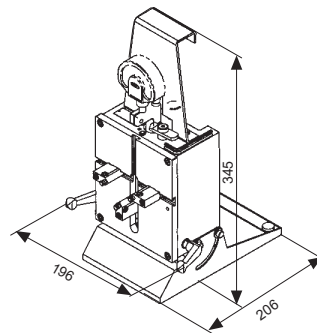


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Technical Data

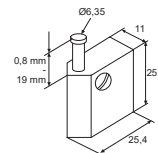
Order no.	2050646	2050653
Product type	36B-19M	36B-9M
Application range outside	mm 8-241	8-127
Application range inside	mm 21-229	21-117
Graduation value	mm 0,002	
Measuring force, adjustable	N 0-35	
Probe path, adjustable	mm 6-10	
Indicating instrument (included in delivery)	IDS-318 Indicator (Q21-RC)	

Order no.	Mounting bore
	inch
2050646	.375"
2050653	.375"



Accessories

Order no.	Product name	Product type
2003210	Jaw set, Material steel	JW-9
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003215	Contact for JW-9, Material steel	PS-55
2003216	Contact for JW-58, Made of carbide	PS-226



JW-9

Indicator Gage Multimar 36B-10-VT / 36B-20-VT



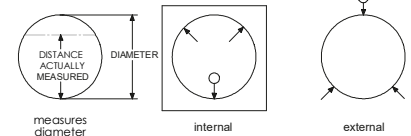
- Excellent accuracy due to the parallel springs in the probe being frictionless and free of play.
- User friendly: the surface can be inclined between 0° and 90° with respect to the base.
- Adjustable measuring force
- **Data interface:** Digimatic, RS232C, USB, Wireless
- **Energy supply:** Battery operation
- **Scope of delivery:** Set of jaws JW-9, Instruction manual



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Application:

- For measuring internal and external diameters, centering edges, narrow shoulders and recesses.

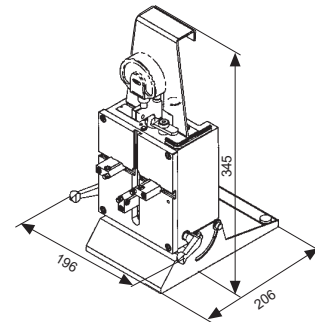


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Technical Data

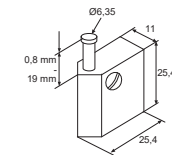
Order no.		2061657	2061658
Product type		36B-10-VT	36B-20-VT
Application range outside	mm	6 - 127	6 - 222
Application range inside	mm	19 - 89	19 - 197
Resolution	mm	0.0005, 0.001, 0.002, 0.005, 0.01	
Resolution	inch	.00002", .00005", .0001", .0002", .0005"	
Measuring force, adjustable	N	0 - 35	
Probe path, adjustable	mm	6 - 10 mm	
Probe path, adjustable	inch	.25 - .40"	
Indicating instrument (included in delivery)		4337662 (1087 BR)	

Order no.	Mounting hole
	mm
2061657	8
2061658	8



Accessories

Order no.	Product name	Product type
2003210	Jaw set, Material steel	JW-9
2003211	Jaw Set used with 36B Gage, Made of carbide	JW-58
2003215	Contact for JW-9, Material steel	PS-55
2003216	Contact for JW-58, Made of carbide	PS-226



JW-9

Portable Thickness Gages MaraMeter XLI-57B-15



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Application:

Precision Thickness Measurement requiring dead weight load force

- Solid casting with ribbed frame provides strength and rigidity for accurate measurements
- 0.003 mm / .0001" parallelism with tables up to 19 mm / .75" diameter
- 283 g / 10 oz. dead load weight for constant gaging pressure
- 10 mm / .407" diameter flat upper 54.0 mm / 2.125" lower contacts
- Indicator mounts with adjustable back for quick positioning for each gaging requirement
- Gage is supplied with a lift lever so work can be easily placed between the table and contact
- Four-inch throat depth for part clearance
- **Data interface:** Digimatic, RS232C, USB, Integrated wireless
- **Energy supply:** Battery operation
- **Scope of delivery:** Includes Indicator

Technical Data

Order no.	Product type	Measuring range		Throat depth	Jaw depth		Resolution		Indicating instrument (included in package)	Parallelism deviation		Measuring force
		mm	inch		mm	inch	mm	inch		µm	inch	
2057551	XLI-57B-15	0-25	0-1"	102	4"	0.0005, 0.001, 0.002, 0.005, 0.01	.00002", .00005", .0001", .0002", .0005"	4337628 (1086Ri)	3	.0001"	283gm / 10oz dead weight	

Portable Thickness Gages MaraMeter XLI-57B-13



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Application:

For checking wall thickness of wire insulation and other small-diameter tubular parts

- Using the basic design of the Model 57B-13 (Model 57B-13M — Metric) Gage, the lower contact is PT-103, 1.10 mm / .043" diameter rod, mounted horizontally
- The upper contact is a flat chisel contact, in line with the rod
- By slipping tubular parts onto the lower contact, the gage can measure the thickness of the wall of the tube
- An auxiliary weight on the Indicator provides a total dead-load weight of 25 grams
- (Replacement lower rod: PS-43)
- **Data interface:** Digimatic, Opto RS232C, USB, Integrated wireless
- **Energy supply:** Battery operation
- **Scope of delivery:** Includes Indicator

Technical Data

Order no.	Product type	Measuring range	Measuring range	Throat depth	Jaw depth	Resolution	Resolution	Indicating instrument (included in package)	Measuring force
		mm	inch	mm	inch	mm	inch		N
2057550	XLI-57B-13	0 - 7.62	0 - .30"	102	4"	0.0005, 0.001, 0.002, 0.005, 0.01	.00002", .00005", .0001", .0002", .0005"	4337628 (1086Ri)	0.25

Accessories

Order no.	Product name	Product type
2225698	Replacement rod for PT-103 Pin, 0.043" diameter 0.687" length	PS-43
2225741	Pin, Ø=1.10mm / .043", lower contact 1.10 mm / 0.043" diameter pin, lower contact assembly	PT-103
2225869	Pin, Ø=0.05mm / .02", lower contact 0.050 mm / 0.020 in diameter pin, lower contact assembly	PT-2245

Portable Thickness Gages MaraMeter XLI-57B-11 / XLI-57B-12



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Application:

Precision Thickness Measurement



- Solid casting with ribbed frame provides strength and rigidity for accurate measurements
- Gage is furnished with a lift lever so work can be easily placed between the contacts
- Large 54 mm/ 2.125" diameter lower anvil provides convenient stage for small parts or flat materials
- 4.75 mm/ .187" diameter radiused upper contact normally provided
- 102 mm/ 4" throat depth for part clearance
- Indicator mounts with adjustable back for quick positioning for each gaging requirement
- Available with Dial Indicator or Digital Electronic Indicator
- **Data interface: cable dependent**
- **Energy supply:** Battery operation
- **Scope of delivery:** Includes Indicator

Technical Data

Order no.	Product type	Measuring range		Throat depth		Resolution		Indicating unit included
		mm	inch	mm	inch	mm	inch	
2057548	XLI-57B-11	0 – 25	0 - 1	102	4"	0.0005, 0.001, 0.002, 0.005, 0.01	.00002", .00005", .0001", .0002", .0005"	4337651 (1086ZR)
2057549	XLI-57B-12	0 – 12.5	0 - 0.5	102	4"	0.0005, 0.001, 0.002, 0.005, 0.01	.00002", .00005", .0001", .0002", .0005"	4337650 (1086ZR)

Portable Thickness Gages MaraMeter 57B-14 / 57B-15

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- Solid casting with ribbed frame provides strength and rigidity for accurate measurements
- 0.003 mm / .0001" parallelism with tables up to 19 mm / .75" diameter
- 283 g / 10 oz. dead load weight for constant gaging pressure
- 10 mm / .407" diameter flat upper 54.0 mm / 2.125" lower contacts
- Indicator mounts with adjustable back for quick positioning for each gaging requirement
- Gage is supplied with a lift lever so work can be easily placed between the table and contact
- Four-inch throat depth for part clearance
- **Data interface:** none
- **Scope of delivery:** Includes Indicator



Application:

Precision Thickness Measurement requiring dead weight load force

DISCONTINUED

Technical Data

Order no.	Product type	Measuring range	Throat depth	Graduation value	Indicating instrument (included in delivery)	Parallelism deviation	Measuring force
		inch	inch	inch		µm	N
2050982	57B-14	0 - .10"	4"	.0001"	IDS-340 Indicator (32I-RC)	3	2.8
2050984	57B-15	0 - 1"	4"	.001"	IDS-341 Indicator (D8IS)		2.8

DISCONTINUED

Technical Data

Order no.	Product type	Measuring range	Throat depth	Resolution	Graduation value	Indicating instrument (included in package)	Measuring force
		mm	mm	mm	mm		N
2050983	57B-14M	0 - 2.5	102	0.002	0.002	IDS-342 Indicator (Q11-RC)	2.8
2050985	57B-15M	0 - 25	102	0.01	0.01	IDS-343 Indicator (SQ6IS)	2.8

Portable Thickness Gages MaraMeter 57B-13

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- Using the basic design of the Model 57B-13 (Model 57B-13M — Metric) Gage, the lower contact is PT-103, 1.10 mm / .043" diameter rod, mounted horizontally
- The upper contact is a flat chisel contact, in line with the rod
- By slipping tubular parts onto the lower contact, the gage can measure the thickness of the wall of the tube
- An auxiliary weight on the Indicator provides a total dead-load weight of 25 grams
- (Replacement lower rod: PS-43)
Data interface: none
- **Scope of delivery:** Includes Indicator



Application:

For checking wall thickness of wire insulation and other small-diameter tubular parts

DISCONTINUED

Technical Data

Order no.	Product type	Measuring range	Throat depth	Jaw depth	Graduation value	Indicating instrument (included in package)	Measuring force
		inch	mm	inch	inch		N
2050980	57B-13	0 – .30"	102		0.005"	IDS-116 Indicator (Z5W-RC)	0.25

DISCONTINUED

Technical Data

Order no.	Product type	Measuring range	Throat depth	Graduation value	Indicating instrument (included in package)	Measuring force
		mm	mm	mm		N
2050981	57B-13M	0 – 7.6	102	0.01	IDS-287 Indicator (Z6I-RC)	0.25

Accessories

Order no.	Product name	Product type
2225698	Replacement rod for PT-103 Pin, 0.043" diameter 0.687" length	PS-43
2225741	Pin, Ø=1.10mm / .043", lower contact 1.10 mm / 0.043" diameter pin, lower contact assembly	PT-103
2225869	Pin, Ø=0.05mm / .02", lower contact 0.050 mm / 0.020 in diameter pin, lower contact assembly	PT-2245

Portable Thickness Gages MaraMeter EMD-57B-11 / EMD-57B-11D / XLI-57B-11 / XLI-57B-12



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Application:

Precision Thickness Measurement

- Solid casting with ribbed frame provides strength and rigidity for accurate measurements
- Gage is furnished with a lift lever so work can be easily placed between the contacts
- Large 54 mm/ 2.125" diameter lower anvil provides convenient stage for small parts or flat materials
- 4.75 mm/ .187" diameter radiused upper contact normally provided
- 102 mm/ 4" throat depth for part clearance
- Indicator mounts with adjustable back for quick positioning for each gaging requirement
- Available with Dial Indicator or Digital Electronic Indicator
- **Data interface:** none
- **Energy supply:** Battery operation
- **Scope of delivery:** Includes Indicator

Technical Data

Order no.	Product type	Measuring range		Throat depth	Jaw depth	Resolution		Indicating instrument (included in package)
		mm	inch			mm	inch	
2051884	EMD-57B-11	0-21.5	0-1"	102	4"	0.0005, 0.001, 0.005	.00002", .00005", .0001", .0005"	2033101 Maxum III
2051885	EMD-57B-11D	0-21.5	0-1"	102	4"	0.0005, 0.001, 0.005	.00002", .00005", .0001", .0005"	2033111
2057548		0-25		102	4"	0.0005, 0.001, 0.002, 0.005, 0.01	.00002", .00005", .0001", .0002", .0005"	4337651 (1086ZR)
2057549		0-12.5		102	4"	0.0005, 0.001, 0.002, 0.005, 0.01	.00002", .00005", .0001", .0002", .0005"	4337650 (1086 ZR)

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Portable Thickness Gages MaraMeter 57B-11 / 57B-12

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- Solid casting with ribbed frame provides strength and rigidity for accurate measurements
- Gage is furnished with a lift lever so work can be easily placed between the contacts
- Large 54 mm/ 2.125" diameter lower anvil provides convenient stage for small parts or flat materials
- 4.75 mm/ .187" diameter radiused upper contact normally provided
- 102 mm/ 4" throat depth for part clearance
- Indicator mounts with adjustable back for quick positioning for each gaging requirement
- Available with Dial Indicator or Digital Electronic Indicator
- **Data interface:** none
- **Scope of delivery:** Includes Indicator



Application:
Precision Thickness Measurement

DISCONTINUED

Technical Data

Order no.	Product type	Measuring range	Throat depth	Throat depth	Graduation value	Indicating instrument (included in package)
		inch	mm	inch	inch	
2050976	57B-11	0 - 1"	102	4"	.001"	IDS-160 Indicator (D8IS)
2050978	57B-12	0 - .50"	102	4"	.0005"	IDS-161 Indicator (D7I-RC)

DISCONTINUED

Technical Data

Order no.	Product type	Measuring range	Throat depth	Graduation value	Indicating instrument (included in delivery)
		mm	mm	mm	
2050977	57B-11M	0 - 25	102	0.01	IDS-285 Indicator (SQ6IS)
2050979	57B-12M	0 - 12.5	102	0.01	IDS-286 Indicator (SQ6I)

Indicating Snap Gage MaraMeter M 301P – x With Lifting Lever and 8mm mount, Less Indicator

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Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

- Patented “Channel Lock” design assures precise parallel anvil surfaces throughout the full 25 mm / 1” range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020” Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Large 15.5 mm / .61” square tungsten carbide anvils provide flat, parallel, working surfaces ensuring precision.
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).

Technical Data

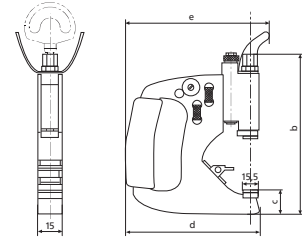
Type		M-301P-x	
Lifting lever			x
Indicator included			None
Measuring range			Order no.
mm	inch		
0 - 25,4	0 - 1"		2003110 (1)
25,4 - 50,8	1 - 2"		2003111 (2)
50,8 - 76,2	2 - 3"		2003112 (3)
76,2 - 101,6	3 - 4"		2003113 (4)
101,6 - 127	4 - 5"		2003114 (5)
127 - 152,4	5 - 6"		2003115 (6)
152,4 - 177,8	6 - 7"		2003116 (7)
177,8 - 203,2	7 - 8"		2003117 (8)
203,2 - 228,6	8 - 9"		2003118 (9)
228,6 - 254	9 - 10"		2064110 (10)
254 - 279,4	10 - 11"		2064111 (11)
279,4 - 304,8	11 - 12"		2064112 (12)
304,8 - 330,2	12 - 13"		2064113 (13)
330,2 - 355,6	13 - 14"		2064114 (14)
355,6 - 381	14 - 15"		2064115 (15)
381 - 406,4	15 - 16"		2064116 (16)
406,4 - 431,8	16 - 17"		2064117 (17)
431,8 - 457,2	17 - 18"		2064118 (18)
457,2 - 482,6	18 - 19"		2064119 (19)
482,6 - 508	19 - 20"		2064120 (20)
Mounting shaft	mm		8
Size of measuring surface	mm		15,5 x 15,5
Distance of movable anvil	mm		0.5
Parallelism deviation	µm		4
Measuring force	N		18

• **Scope of delivery:** Allen key

Indicating Snap Gage MaraMeter M - 301P – x With Lifting Lever and 8mm mount, Less Indicator

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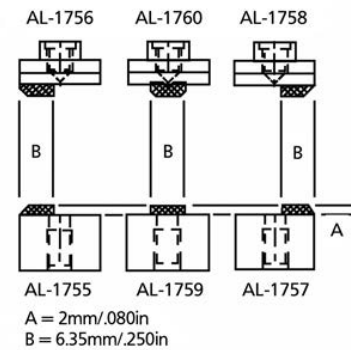
Measuring range	a	b	c	d	e
mm	mm	mm	mm	mm	mm
25,4 - 50,8	25.4	150	29	145	158
50,8 - 76,2	50.8	175	29	141	154
76,2 - 101,6	76.2	200	29	155	167
101,6 - 127	101.6	226	29	167	180
127 - 152,4	127	251	29	180	193
152,4 - 177,8	152.4	278	30	203	215
177,8 - 203,2	177.8	303	30	213	226
203,2 - 228,6	203.2	329	30	231	244
228,6 - 254	228.6	335	30	248	261
254 - 279,4	254	419	38.1	284	297
279,4 - 304,8	279.4	444	38.1	304	317
304,8 - 330,2	304.8	469	38.1	317	330
330,2 - 355,6	330.2	495	38.1	332	345
355,6 - 381	355.6	502	38.1	358	368.3
381 - 406,4	381	546	38.1	335	345
406,4 - 431,8	406.4	571	38.1	335	345
431,8 - 457,2	431.8	604	50.8	365	375
457,2 - 482,6	457.2	662	83.8	381	381
482,6 - 508	482.6	683	78.4	363	368



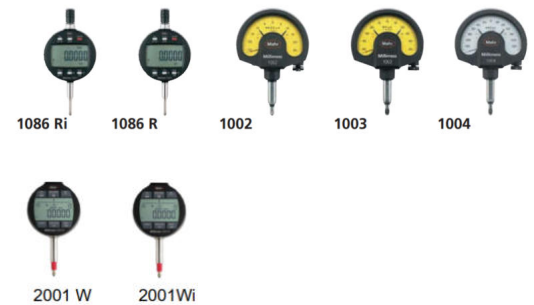
Accessories

Order no.	Product name	Product type
2003150	Base/Bench Stand for 300P or 1000P style Snap Gage	BA-26
2204644	Bench stand for AGD style 3 disc masters up to 127mm / 5"	BA-71
2232441	Heavier force spring for M-300P & 300P-xM	SP-118
2232478	Lighter force spring for M-300P & 300P-xM	SP-192
2202272	Plain anvil (lower), left (option)	AL-1755
2202273	Plain anvil (upper), left (option)	AL-1756
2202274	Plain anvil (lower), right (option)	AL-1757
2202275	Plain anvil (lower), right (option)	AL-1758
2202276	Plain anvil (lower), middle (option)	AL-1759
2202277	Plain anvil (lower), middle (option)	AL-1760

Plain Anvil Options
Front View



Order no.	Product name	Product
4333000	Millimess 5 μm , $\pm 130 \mu\text{m}$	1004
4334001	Millimess 2 μm , $\pm 130 \mu\text{m}$	1003 XL
4333900	Millimess .0001", ± 0.0050 "	1004 Z
4332900	Millimess .0005", ± 0.010 "	1010 Z
4311900	MarCator .0005", 0.120"	803 AZ
4326000	MarCator 0.01mm, 3mm	803 SW
4337620	Digital Indicator, Selectable range	1086 R
4337624	Digital Indicator, Selectable range, Wireless	1086 Ri
4346800	Millimess Inductive comparator $\pm 1\text{mm} / \pm 0.040$ "	2001 W
4346801	Millimess Inductive comparator $\pm 1\text{mm} / \pm 0.040$ "	2001 Wi



Indicating Snap Gage MaraMeter OMI – 301P With Lifting Lever and .375" mount, Less Indicator

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Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020" Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Large 15.5 mm / .61" square tungsten carbide anvils provide flat, parallel, working surfaces that ensure lasting precision that lasts.
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).
- **Scope of delivery:** Allen key

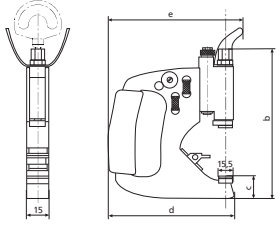
Technical Data

Type		OMI-301P-x	
Lifting lever			x
Indicator included			None
Measuring range			Order no.
inch	mm		
0 - 1"	0 - 25,4		2054300 (1)
1 - 2"	25,4 - 50,8		2054306 (2)
2 - 3"	50,8 - 76,2		2054307 (3)
3 - 4"	76,2 - 101,6		2054313 (4)
4 - 5"	101,6 - 127		2054314 (5)
5 - 6"	127 - 152,4		2054315 (6)
6 - 7"	152,4 - 177,8		2054316 (7)
7 - 8"	177,8 - 203,2		2054317 (8)
8 - 9"	203,2 - 228,6		2054318 (9)
9 - 10"	228,6 - 254		2054301 (10)
10 - 11"	254 - 279,4		2054302 (1)
11 - 12"	279,4 - 304,8		2054303 (12)
12 - 13"	304,8 - 330,2		2054304 (13)
13 - 14"	330,2 - 355,6		2054305 (14)
14 - 15"	355,6 - 381		2063415 (15)
15 - 16"	381 - 406,4		2063416 (16)
16 - 17"	406,4 - 431,8		2063417 (17)
17 - 18"	431,8 - 457,2		2063418 (18)
18 - 19"	457,2 - 482,6		2063419 (19)
19 - 20"	482,6 - 508		2063420 (20)
Mounting shaft	inch		3/8"
Size of measuring surface	inch		.61" x .61"
Distance of movable anvil	inch		.02"
Parallelism deviation	inch		.00016"
Measuring force	N		18

Indicating Snap Gage MaraMeter OMI – 301P With Lifting Lever and .375" mount, Less Indicator

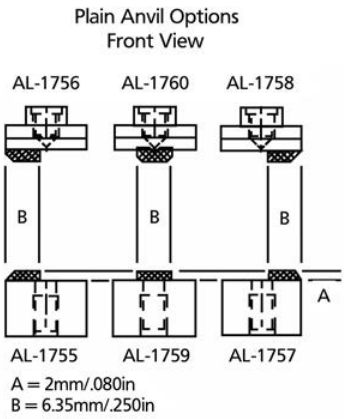
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Measuring range	a	b	c	d	e
inch	mm	mm	mm	mm	mm
1 - 2 "	25.4	150	29	145	158
2 - 3 "	50.8	175	29	141	154
3 - 4 "	76.2	200	29	155	167
4 - 5 "	101.6	226	29	167	180
5 - 6 "	127	251	29	180	193
6 - 7 "	152.4	278	30	203	215
7 - 8 "	177.8	303	30	213	226
8 - 9 "	203.2	329	30	231	244
9 - 10 "	228.6	335	30	248	261
10 - 11 "	254	419	38.1	284	297
11 - 12 "	279.4	444	38.1	304	317
12 - 13 "	304.8	469	38.1	317	330
13 - 14 "	330.2	495	38.1	332	345
14 - 15 "	355.6	502	38.1	358	368.3
15 - 16 "	381	546	38.1	335	345
16 - 17 "	406.4	571	38.1	335	345
17 - 18 "	431.8	604	50.8	365	375
18 - 19 "	457.2	662	83.8	381	381
19 - 20 "	482.6	683	78.4	363	368



Accessories

Order no.	Product name	Product type
2003150	Base/Bench Stand for 300P or 1000P style Snap Gage	BA-26
2204644	Bench stand for AGD style 3 disc masters up to 127mm / 5"	BA-71
2232441	Heavier force spring for OMI-300P &300P	SP-118
2232478	Lighter force spring for OMI-300P &300P	SP-192
2202272	Plain anvil (lower), left (option)	AL-1755
2202273	Plain anvil (upper), left (option)	AL-1756
2202274	Plain anvil (lower), right (option)	AL-1757
2202275	Plain anvil (lower), right (option)	AL-1758
2202276	Plain anvil (lower), middle (option)	AL-1759
2202277	Plain anvil (lower), middle (option)	AL-1760



Display / Indicator options

4337650 1086 ZR 0.5" Digital Indicator
Any current Configured B or C size dial indicator

Indicating Snap Gage MaraMeter M 301P – 3x With Lifting Lever and 8mm mount, Less Indicator

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Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

Technical Data

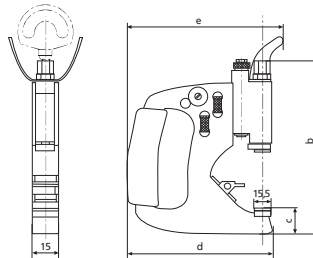
- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020" Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Hardened Steel blade anvils AL-110 with 2,13 mm / .08"
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).
- **Scope of delivery:** Allen key (package excludes indicator)

Type		M 301P-3x	
Lifting lever		x	
Measuring range		Order no.	
mm	Inch		
0 - 25,4	0 - 1"	2064131	(31)
25,4 - 50,8	1 - 2"	2064132	(32)
50,8 - 76,2	2 - 3"	2064133	(33)
76,2 - 101,6	3 - 4"	2064134	(34)
101,6 - 127	4 - 5"	2064135	(35)
127 - 152,4	5 - 6"	2064136	(36)
152,4 - 177,8	6 - 7"	2064137	(37)
177,8 - 203,2	7 - 8"	2064138	(38)
203,2 - 228,6	8 - 9"	2064139	(39)
Mounting shaft	mm	8	
Size of measuring surface	mm	2,13 x 15,5	
Distance of movable anvil	mm	0.5	
Measuring force	N	18	

Indicating Snap Gage MaraMeter M 301P – 3x With Lifting Lever and 8mm mount, Less Indicator

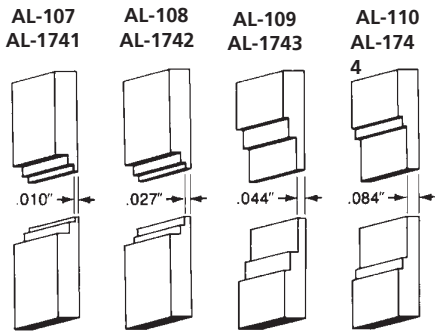
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Order no.	a	b	c	d	e
	mm	mm	mm	mm	mm
2050485	25.4	150	29	145	158
2050497	50.8	175	29	141	154
2050499	76.2	200	29	155	167
2050511	101.6	226	29	167	180
2050514	127	251	29	180	193
2050516	152.4	278	30	203	215
2050518	177.8	303	30	213	226
2050527	203.2	329	30	231	244

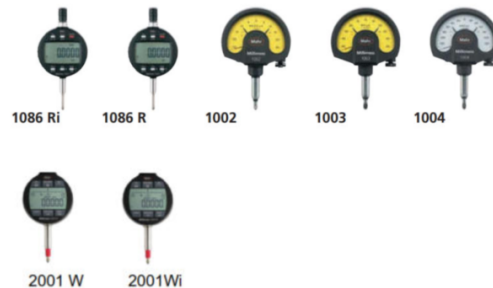


Accessories

Order no.	Product name	Product type
2003150	Base/Bench Stand for 300P or 1000P style Snap Gage	BA-26
2204644	Bench stand for AGD style 3 disc masters up to 127mm / 5"	BA-71
2232478	Lighter force spring for M-300P & M-301P	SP-192
2232441	Heavier force spring for M-300P & M-301P	SP-118
4333000	Millimess 5 μm , $\pm 130 \mu\text{m}$	1004
4334000	Millimess 1 μm , $\pm 50 \mu\text{m}$	1003
4334001	Millimess 2 μm , $\pm 130 \mu\text{m}$	1003 XL
4335000	Millimess 0.5 μm , $\pm 25 \mu\text{m}$	1002
4337620	Digital Indicator, 0.0005 mm, 12.5 mm	1086 R
4337624	Digital Indicator, 0.0005 mm, 12.5 mm	1086 Ri
2202239	Blade anvils, steel, width 0,25mm/.010", depth 0,76mm/.030" (option)	AL-107
2202240	Balde anvils, steel, width 0,69mm/.027", depth 1,02mm/.040" (option)	AL-108
2202241	Blade anvils, steel, width 1,12mm/.044", depth 5,08mm/.20" (option)	AL-109
2202242	Blade anvils, steel, width 2,13mm/.084", depth 6,35mm/.25" (standard)	AL-110
2202266	Blade anvils, carbide, width 0,25mm/.010", depth 0,76mm/.030" (option)	AL-1741
2202267	Blade anvils, carbide, width 0,69mm/.027", depth 0,76mm/.040" (option)	AL-1742
2202268	Blade anvils, carbide, width 1,12mm/.044", depth 5,08mm/.20" (option)	AL-1743
2202269	Blade anvils, carbide, width 2,13mm/.084", depth 6,35mm/.25" (option)	AL-1744



Order no.	Product name	Product
4333000	Millimess 5 μm , $\pm 130 \mu\text{m}$	1004
4334001	Millimess 2 μm , $\pm 130 \mu\text{m}$	1003 XL
4333900	Millimess .0001", ± 0.0050 "	1004 Z
4332900	Millimess .0005", ± 0.010 "	1010 Z
4311900	MarCator .0005", 0.120"	803 AZ
4326000	MarCator 0.01mm, 3mm	803 SW
4337620	Digital Indicator, Selectable range	1086 R
4337624	Digital Indicator, Selectable range, Wireless	1086 Ri
4346800	Millimess Inductive comparator $\pm 1\text{mm} / \pm 0.040$ "	2001 W
4346801	Millimess Inductive comparator $\pm 1\text{mm} / \pm 0.040$ "	2001 Wi



Indicating Snap Gage MaraMeter OMI – 301P-3x With Lifting Lever and .375" mount, Less Indicator

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Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020" Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Hardened Steel blade anvils AL-110 with 2,13 mm / .08"
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).
- **Scope of delivery:** Allen key

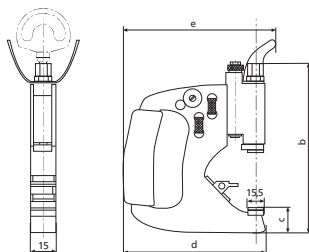
Technical Data

Type		OMI-301P-3x	
Lifting lever			x
Indicator included			None
Measuring range			Order no.
inch	mm		
0 - 1"	0 - 25,4		2054308 (31)
1 - 2"	25,4 - 50,8		2054309 (32)
2 - 3"	50,8 - 76,2		2054310 (33)
3 - 4"	76,2 - 101,6		2054311 (34)
4 - 5"	101,6 - 127		2054312 (35)
5 - 6"	127 - 152,4		2063436 (36)
6 - 7"	152,4 - 177,8		2063437 (37)
7 - 8"	177,8 - 203,2		2063438 (38)
8 - 9"	203,2 - 228,6		2063439 (39)
Mounting shaft	inch		3/8"
Size of measuring surface	inch		.08" x .61"
Distance of movable anvil	inch		.02"
Measuring force	N		18

Indicating Snap Gage MaraMeter OMI – 301P-3x With Lifting Lever and .375" mount, Less Indicator

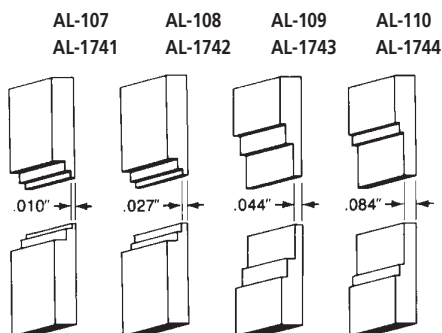
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Order no.	a	b	c	d	e
	mm	mm	mm	mm	mm
2050485	25.4	150	29	145	158
2050497	50.8	175	29	141	154
2050499	76.2	200	29	155	167
2050511	101.6	226	29	167	180
2050514	127	251	29	180	193
2050516	152.4	278	30	203	215
2050518	177.8	303	30	213	226
2050527	203.2	329	30	231	244
2050529	228.6	335	30	248	261



Accessories

Order no.	Product name	Product type
2003150	Base/Bench Stand for 300P or 1000P style Snap Gage	BA-26
2204644	Bench stand for AGD style 3 disc masters up to 127mm / 5"	BA-71
2232478	Lighter force spring for OMI-300P	SP-192
2232441	Heavier force spring for OMI-300P	SP-118
2202239	Blade anvils, steel, width 0,25mm/.010", depth 0,76mm/.030" (option)	AL-107
2202240	Blade anvils, steel, width 0,69mm/.027", depth 1,02mm/.040" (option)	AL-108
2202241	Blade anvils, steel, width 1,12mm/.044", depth 5,08mm/.20" (option)	AL-109
2202242	Blade anvils, steel, width 2,13mm/.084", depth 6,35mm/.25" (standard)	AL-110
2202266	Blade anvils, carbide, width 0,25mm/.010", depth 0,76mm/.030" (option)	AL-1741
2202267	Blade anvils, carbide, width 0,69mm/.027", depth 0,76mm/.040" (option)	AL-1742
2202268	Blade anvils, carbide, width 1,12mm/.044", depth 5,08mm/.20" (option)	AL-1743
2202269	Blade anvils, carbide, width 2,13mm/.084", depth 6,35mm/.25" (option)	AL-1744



Display / Indicator options

4337650 1086 ZR 0.5" Digital Indicator
Any current Configured B or C size dial indicator

Indicating Snap Gage MaraMeter EDI / EMD – 300P



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Catalog Page
Update

- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020" movement of sensitive contact
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Large 15.5 mm / .61" square tungsten carbide anvils provide flat, parallel working surfaces ensuring precision that lasts.
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).
- **Scope of delivery:** Allen key

Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

DISCONTINUED

Technical Data

Type	EDI-300P-X	EDI-301P-X	EMD-300P-XD	EMD-301P-XD
Lifting lever				
Indicator included	µMaxum II (2034201)	µMaxum II (2034201)	MaxumIII (2033119)	MaxumIII (2033119)
Measuring range	Order no.	Order no.	Order no.	Order no.
mm				
inch				
0 - 25,4	2051658 (-1)	2051674 (-1)	2051730 (-1D)	2051806 (-1D)
25,4 - 50,8	2051664 (-2)	2051680 (-2)	2051734 (-2D)	2051810 (-2D)
50,8 - 76,2	2051666 (-3)	2051681 (-3)	2051758 (-3D)	2051834 (-3D)
76,2 - 101,6	2051668 (-4)	2051687 (-4)	2051762 (-4D)	2051838 (-4D)
101,6 - 127	2051669 (-5)	2051688 (-5)	2051766 (-5D)	2051842 (-5D)
127 - 152,4	2051670 (-6)	2051689 (-6)	2051770 (-6D)	2051846 (-6D)
152,4 - 177,8	2051671 (-7)	2051690 (-7)	2051774 (-7D)	2051850 (-7D)
177,8 - 203,2	2051672 (-8)	2051691 (-8)	2051778 (-8D)	2051854 (-8D)
203,2 - 228,6	2051673 (-9)	2051692 (-9)	2051782 (-9D)	2051858 (-9D)
228,6 - 254	2051659 (-10)	2051675 (-10)	2051711 (-10D)	2051787 (-10D)
254 - 279,4	2051660 (-11)	2051676 (-11)	2051715 (-11D)	2051791 (-11D)
279,4 - 304,8	2051661 (-12)	2051677 (-12)	2051719 (-12D)	2051795 (-12D)
304,8 - 330,2	2051662 (-13)	2051678 (-13)	2051723 (-13D)	2051799 (-13D)
330,2 - 355,6	2063714 (-14)	2051679 (-14)	2051727 (-14D)	2051803 (-14D)
355,6 - 381	2063715 (-15)	2063840 (-15)	2064215 (-15D)	2063846 (-15D)
381 - 406,4	2063716 (-16)	2063841 (-16)	2064216 (-16D)	2063847 (-16D)
406,4 - 431,8	2063717 (-17)	2063842 (-17)	2064217 (-17D)	2063848 (-17D)
431,8 - 457,2	2063718 (-18)	2063843 (-18)	2064218 (-18D)	2063849 (-18D)
457,2 - 482,6	2063719 (-19)	2063844 (-19)	2064219 (-19D)	2063850 (-19D)
482,6 - 508	2063720 (-20)	2063845 (-20)	2064220 (-20D)	2063851 (-20D)
Resolution	mm	0,0002/0,0005/0,001/0,005/0,01/0,02	0,0005/0,001/0,005	
	inch	.00001"/.00002"/.00005"/.0001"/.0002"/.0005"/.001"	.00002"/.00005"/.0001"/.0005"	
Graduation	mm		0,001/0,005/0,01	
	inch		.0001"/.0005"/.001"	
Mounting shaft	inch	3/8"	3/8"	3/8"
Size of measuring surface	mm	15,5 x 15,5	15,5 x 15,5	15,5 x 15,5
	inch	.61" x .61"	.61" x .61"	.61" x .61"
Distance of movable anvil	mm	0,5	0,5	0,5
	inch	.02"	.02"	.02"
Parallelism deviation	µm	4	4	4
	inch	.00016"	.00016"	.00016"
Measuring force	N	18	18	18

Indicating Snap Gage MaraMeter M – 300P / 301P, 300P – xM / 301P – xM



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Update

- Patented “Channel Lock” design assures precise parallel anvil surfaces throughout the full 25 mm / 1” range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020” Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Large 15.5 mm / .61” square tungsten carbide anvils provide flat, parallel, working surfaces ensuring precision.
- Indicator can be rotated to read from front or rear of the gage.

Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

Technical Data

DISCONTINUED

DISCONTINUED

complished wrench (fur-

• **Scope of delivery:** Allen key

Type	M-300P-x		300P-xM		M-301P-x		301P-xM	
Lifting lever					x			x
Indicator included	None		x		None		x	
Measuring range	Order no.	Order no.	indicator	Order no.	Order no.	indicator	Order no.	indicator
mm								
0 - 25,4	2003100 (-1)	2050496 (-1M)	IDS-206 (O1I)	2003110 (-1)	2050496 (-1M)	IDS-206 (O1I)	2003110 (-1)	2050496 (-1M)
25,4 - 50,8	2003101 (-2)	2050498 (-2M)	IDS-206 (O1I)	2003111 (-2)	2050498 (-2M)	IDS-206 (O1I)	2003111 (-2)	2050498 (-2M)
50,8 - 76,2	2003102 (-3)	2050510 (-3M)	IDS-206 (O1I)	2003112 (-3)	2050510 (-3M)	IDS-206 (O1I)	2003112 (-3)	2050510 (-3M)
76,2 - 101,6	2003103 (-4)	2050513 (-4M)	IDS-206 (O1I)	2003113 (-4)	2050513 (-4M)	IDS-206 (O1I)	2003113 (-4)	2050513 (-4M)
101,6 - 127	2003104 (-5)	2050515 (-5M)	IDS-206 (O1I)	2003114 (-5)	2050515 (-5M)	IDS-206 (O1I)	2003114 (-5)	2050515 (-5M)
127 - 152,4	2003105 (-6)	2050517 (-6M)	IDS-208 (P1I)	2003115 (-6)	2050517 (-6M)	IDS-208 (P1I)	2003115 (-6)	2050517 (-6M)
152,4 - 177,8	2003106 (-7)	2050526 (-7M)	IDS-208 (P1I)	2003116 (-7)	2050526 (-7M)	IDS-208 (P1I)	2003116 (-7)	2050526 (-7M)
177,8 - 203,2	2003107 (-8)	2050528 (-8M)	IDS-208 (P1I)	2003117 (-8)	2050528 (-8M)	IDS-208 (P1I)	2003117 (-8)	2050528 (-8M)
203,2 - 228,6	2003108 (-9)	2050530 (-9M)	IDS-208 (P1I)	2003118 (-9)	2050530 (-9M)	IDS-208 (P1I)	2003118 (-9)	2050530 (-9M)
228,6 - 254	2063910 (-10)	2050487 (-10M)	IDS-208 (P1I)	2064110 (-10)	2050487 (-10M)	IDS-208 (P1I)	2064110 (-10)	2050487 (-10M)
254 - 279,4	2063911 (-11)	2050489 (-11M)	IDS-208 (P1I)	2064111 (-11)	2050489 (-11M)	IDS-208 (P1I)	2064111 (-11)	2050489 (-11M)
279,4 - 304,8	2063912 (-12)	2050491 (-12M)	IDS-208 (P1I)	2064112 (-12)	2050491 (-12M)	IDS-208 (P1I)	2064112 (-12)	2050491 (-12M)
304,8 - 330,2	2063913 (-13)	2050493 (-13M)	IDS-208 (P1I)	2064113 (-13)	2050493 (-13M)	IDS-208 (P1I)	2064113 (-13)	2050493 (-13M)
330,2 - 355,6	2063914 (-14)	2050495 (-14M)	IDS-208 (P1I)	2064114 (-14)	2050495 (-14M)	IDS-208 (P1I)	2064114 (-14)	2050495 (-14M)
355,6 - 381	2063915 (-15)	2063824 (-15M)	IDS-208 (P1I)	2064115 (-15)	2063830 (-15M)	IDS-208 (P1I)	2064115 (-15)	2063830 (-15M)
381 - 406,4	2063916 (-16)	2063825 (-16M)	IDS-208 (P1I)	2064116 (-16)	2063831 (-16M)	IDS-208 (P1I)	2064116 (-16)	2063831 (-16M)
406,4 - 431,8	2063917 (-17)	2063826 (-17M)	IDS-208 (P1I)	2064117 (-17)	2063832 (-17M)	IDS-208 (P1I)	2064117 (-17)	2063832 (-17M)
431,8 - 457,2	2063918 (-18)	2063827 (-18M)	IDS-208 (P1I)	2064118 (-18)	2063833 (-18M)	IDS-208 (P1I)	2064118 (-18)	2063833 (-18M)
457,2 - 482,6	2063919 (-19)	2063828 (-19M)	IDS-208 (P1I)	2064119 (-19)	2063834 (-19M)	IDS-208 (P1I)	2064119 (-19)	2063834 (-19M)
482,6 - 508	2063920 (-20)	2063829 (-20M)	IDS-208 (P1I)	2064120 (-20)	2063835 (-20M)	IDS-208 (P1I)	2064120 (-20)	2063835 (-20M)
Graduation	mm		0,002			0,002		
Mounting shaft	mm	8		8				
Mounting shaft	inch		3/8"			3/8"		
Size of measuring surface	mm	15,5 x 15,5	15,5 x 15,5	15,5 x 15,5	15,5 x 15,5		15,5 x 15,5	
Distance of movable anvil	mm	0,5	0,5	0,5	0,5		0,5	
Parallelism deviation	µm	4	4	4	4		4	
Measuring force	N	18	18	18	18		18	

Indicating Snap Gage MaraMeter OMI – 300P / – 301P, 300P / 301P



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Update

- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- .50 mm / .020" Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Large 15.5 mm / .61" square tungsten carbide anvils provide flat, parallel, working surfaces that ensure lasting precision that lasts.
- Indicator can be rotated to read from front or rear of the gage.

Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

Technical Data **DISCONTINUED** **DISCONTINUED**

Type	OMI-300P-x		300P-x		OMI-301P-x		301P-x	
Lifting lever	None		x		x		x	
Indicator included	None		x		None		x	
Measuring range	Order no.	Order no.	indicator	Order no.	Order no.	indicator	Order no.	indicator
inch								
0 - 1"	2054281 (-1)	2050485 (-1)	IDT-102 (12i)	2054300 (-1)	2050562 (-1)	IDT-102 (12i)	2050574 (-2)	IDT-102 (12i)
1 - 2"	2054287 (-2)	2050497 (-2)	IDT-102 (12i)	2054306 (-2)	2050576 (-3)	IDT-102 (12i)	2050588 (-4)	IDT-102 (12i)
2 - 3"	2054288 (-3)	2050499 (-3)	IDT-102 (12i)	2054307 (-3)	2050590 (-5)	IDT-102 (12i)	2050592 (-6)	IDT-102 (12i)
3 - 4"	2054294 (-4)	2050511 (-4)	IDT-102 (12i)	2054313 (-4)	2050594 (-7)	IDT-102 (12i)	2050596 (-8)	IDT-102 (12i)
4 - 5"	2054295 (-5)	2050514 (-5)	IDT-102 (12i)	2054314 (-5)	2050598 (-9)	IDT-102 (12i)	2050600 (-10)	IDT-102 (12i)
5 - 6"	2054296 (-6)	2050516 (-6)	IDT-106 (22i)	2054315 (-6)	2050602 (-11)	IDT-106 (22i)	2050604 (-12)	IDT-106 (22i)
6 - 7"	2054297 (-7)	2050518 (-7)	IDT-106 (22i)	2054316 (-7)	2050606 (-13)	IDT-106 (22i)	2050608 (-14)	IDT-106 (22i)
7 - 8"	2054298 (-8)	2050527 (-8)	IDT-106 (22i)	2054317 (-8)	2050610 (-15)	IDT-106 (22i)	2050612 (-16)	IDT-106 (22i)
8 - 9"	2054299 (-9)	2050529 (-9)	IDT-106 (22i)	2054318 (-9)	2050614 (-17)	IDT-106 (22i)	2050616 (-18)	IDT-106 (22i)
9 - 10"	2054282 (-10)	2050486 (-10)	IDT-106 (22i)	2054301 (-10)	2050618 (-19)	IDT-106 (22i)	2050620 (-20)	IDT-106 (22i)
10 - 11"	2054283 (-11)	2050488 (-11)	IDT-106 (22i)	2054302 (-11)	2050622 (-21)	IDT-106 (22i)	2050624 (-22)	IDT-106 (22i)
11 - 12"	2054284 (-12)	2050490 (-12)	IDT-106 (22i)	2054303 (-12)	2050626 (-23)	IDT-106 (22i)	2050628 (-24)	IDT-106 (22i)
12 - 13"	2054285 (-13)	2050492 (-13)	IDT-106 (22i)	2054304 (-13)	2050630 (-25)	IDT-106 (22i)	2050632 (-26)	IDT-106 (22i)
13 - 14"	2054286 (-14)	2050494 (-14)	IDT-106 (22i)	2054305 (-14)	2050634 (-27)	IDT-106 (22i)	2050636 (-28)	IDT-106 (22i)
14 - 15"	2063315 (-15)	2063515 (-15)	IDT-106 (22i)	2063415 (-15)	2063515 (-15)	IDT-106 (22i)	2063615 (-15)	IDT-106 (22i)
15 - 16"	2063316 (-16)	2063516 (-16)	IDT-106 (22i)	2063416 (-16)	2063516 (-16)	IDT-106 (22i)	2063616 (-16)	IDT-106 (22i)
16 - 17"	2063317 (-17)	2063517 (-17)	IDT-106 (22i)	2063417 (-17)	2063517 (-17)	IDT-106 (22i)	2063617 (-17)	IDT-106 (22i)
17 - 18"	2063318 (-18)	2063518 (-18)	IDT-106 (22i)	2063418 (-18)	2063518 (-18)	IDT-106 (22i)	2063618 (-18)	IDT-106 (22i)
18 - 19"	2063319 (-19)	2063519 (-19)	IDT-106 (22i)	2063419 (-19)	2063519 (-19)	IDT-106 (22i)	2063619 (-19)	IDT-106 (22i)
19 - 20"	2063320 (-20)	2063520 (-20)	IDT-106 (22i)	2063420 (-20)	2063520 (-20)	IDT-106 (22i)	2063620 (-20)	IDT-106 (22i)
Graduation	inch		.0001"			.0001"		
Mounting shaft	inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Size of measuring surface	inch	.61" x .61"	.61" x .61"	.61" x .61"	.61" x .61"	.61" x .61"	.61" x .61"	.61" x .61"
Distance of movable anvil	inch	.02"	.02"	.02"	.02"	.02"	.02"	.02"
Parallelism deviation	inch	.00016"	.00016"	.00016"	.00016"	.00016"	.00016"	.00016"
Measuring force	N	18	18	18	18	18	18	18

- Measurements accomplished with single hex wrench (furnished).
- Scope of delivery: Allen key

Indicating Snap Gage MaraMeter EDI – 300P – 3x / EMD – 300P –3x



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Update



Application:

- For rapid measurements of groove diameters

- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020" Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Hardened Steel blade anvils AL-110 with 2,13 mm / .08"
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).
- **Scope of delivery:** Allen key

Technical Data

DISCONTINUED

Type		EDI-300P-3x		EMD-300P-3x	
Indicator included		µMaxum II (2034201)		MaxumIII (2033119)	
Measuring range		Order no.		Order no.	
mm	inch				
0 - 25,4	0 - 1"	2051767	(EDI-300P-31)	2051739	(EMD-300P-31)
25,4 - 50,8	1 - 2"	2063732	(EDI-300P-32)	2051743	(EMD-300P-32)
50,8 - 76,2	2 - 3"	2063733	(EDI-300P-33)	2051747	(EMD-300P-33)
76,2 - 101,6	3 - 4"	2063734	(EDI-300P-34)	2051751	(EMD-300P-34)
101,6 - 127	4 - 5"	2063735	(EDI-300P-35)	2051755	(EMD-300P-35)
127 - 152,4	5 - 6"	2063736	(EDI-300P-36)	2063836	(EMD-300P-36)
152,4 - 177,8	6 - 7"	2063737	(EDI-300P-37)	2063837	(EMD-300P-37)
177,8 - 203,2	7 - 8"	2063738	(EDI-300P-38)	2063838	(EMD-300P-38)
203,2 - 228,6	8 - 9"	2063739	(EDI-300P-39)	2063839	(EMD-300P-39)
	Resolution	mm	0,0002/0,0005/0,001/0,005/ 0,01/0,02	mm	0,0005/0,001/0,005
	Resolution	inch	.00001"/.00002"/.00005"/ .0001"/.0002"/.0005"/.001"	inch	.00002"/.00005"/.0001"/.0005"
	Graduation	mm		mm	0,001/0,005/0,01
	Graduation	inch		inch	.0001"/.0005"/.001"
	Mounting shaft	inch	3/8"	inch	3/8"
	Size of measuring surface	mm	2,13	mm	2,13
	Size of measuring surface	inch	.08	inch	.08"
	Distance of movable anvil	mm	0,5	mm	0,5
	Distance of movable anvil	inch	.02"	inch	.02"
	Parallelism deviation	µm	4	µm	4
	Parallelism deviation	inch	.00016"	inch	.00016"
	Measuring force	N	18	N	18

Indicating Snap Gage MaraMeter M 300P – 3x / M 301P – 3x



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Update



Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
- All Series 300P Snap Gages are fully adjustable with positive position locking at any point within the range.
- 0.50 mm / .020" Movement of sensitive contact.
- Snap Gages available over a wide range of sizes, styles, and readout configurations.
- Hardened Steel blade anvils AL-110 with 2,13 mm / .08"
- Indicator can be rotated to read from front or rear of the gage.
- All adjustments accomplished using a single hex wrench (furnished).
- **Scope of delivery:** Allen key (package excludes indicator)

DISCONTINUED

Technical Data

Type		M 300P-3x	M 301P-3x
Lifting lever			x
Measuring range		Order no.	Order no.
mm			
0 - 25,4		2063931 (- 31)	2064131 (- 31)
25,4 - 50,8		2063932 (- 32)	2064132 (- 32)
50,8 - 76,2		2063933 (- 33)	2064133 (- 33)
76,2 - 101,6		2063934 (- 34)	2064134 (- 34)
101,6 - 127		2063935 (- 35)	2064135 (- 35)
127 - 152,4		2063936 (- 36)	2064136 (- 36)
152,4 - 177,8		2063937 (- 37)	2064137 (- 37)
177,8 - 203,2		2063938 (- 38)	2064138 (- 38)
203,2 - 228,6		2063939 (- 39)	2064139 (- 39)
Mounting shaft	mm	8	8
Size of measuring surface	mm	2,13 x 15,5	2,13 x 15,5
Distance of movable anvil	mm	0,5	0,5
Measuring force	N	18	18

OMI-300P-3x / OMI-301P-3x, 300P-3x / 301P-3x



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Update

- Patented "Channel Lock" design assures precise parallel anvil surfaces throughout the full 25 mm / 1" range of adjustment.
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- All adjustments accomplished using a single hex wrench (furnished).



Application:

- For rapid measurements of cylindrical parts such as shafts, bolts and spindles for thickness and length measurements

Technical Data

DISCONTINUED

DISCONTINUED

of delivery: Allen key

Type	OMI-300P-3x	300P-3x	OMI-301P-3x	301P-3x		
Lifting lever			x	x		
Indicator included		x		x		
Measuring range	Order no.	Order no.	indicator	Order no.	Order no.	indicator
inch						
0 - 1"	2054289 (- 31)	2054289 (- 31)	IDS-101 (B5M)	2054308 (- 31)	2050577 (- 31)	IDS-101 (B5M)
1 - 2"	2054290 (- 32)	2054290 (- 32)	IDS-101 (B5M)	2054309 (- 32)	2050579 (- 32)	IDS-101 (B5M)
2 - 3"	2054291 (- 33)	2054291 (- 33)	IDS-101 (B5M)	2054310 (- 33)	2050581 (- 33)	IDS-101 (B5M)
3 - 4"	2054292 (- 34)	2054292 (- 34)	IDS-101 (B5M)	2054311 (- 34)	2050583 (- 34)	IDS-101 (B5M)
4 - 5"	2054293 (- 35)	2054293 (- 35)	IDS-101 (B5M)	2054312 (- 35)	2050585 (- 35)	IDS-101 (B5M)
5 - 6"	2054336 (- 36)	2063536 (- 36)	IDS-106 (25M)	2063436 (- 36)	2063636 (- 36)	IDS-106 (25M)
6 - 7"	2054337 (- 37)	2063537 (- 37)	IDS-106 (25M)	2063437 (- 37)	2063637 (- 37)	IDS-106 (25M)
7 - 8"	2054338 (- 38)	2063538 (- 38)	IDS-106 (25M)	2063438 (- 38)	2063638 (- 38)	IDS-106 (25M)
8 - 9"	2054339 (- 39)	2063539 (- 39)	IDS-106 (25M)	2063439 (- 39)	2063639 (- 39)	IDS-106 (25M)
Graduation	inch		.0005"	3/8"		.0005"
Mounting shaft	inch	3/8"	3/8"	.08" x .61"		3/8"
Size of measuring surface	inch	.08" x .61"	.08" x .61"	.02"		.08" x .61"
Distance of movable anvil	inch	.02"	.02"	18		.02"
Measuring force	N	18	18			18