

Mitutoyo

Mitutoyo Quality

PROMOTION!

From 1st October to 31st December 2017.

MITUTOYO PROMOTION

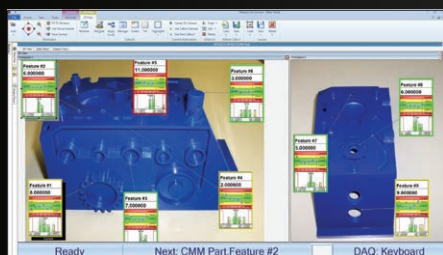


GET MEASURLINK 8 SOFTWARE!

MeasurLink is an easy-to-use, data collection and real-time statistical process control suite.

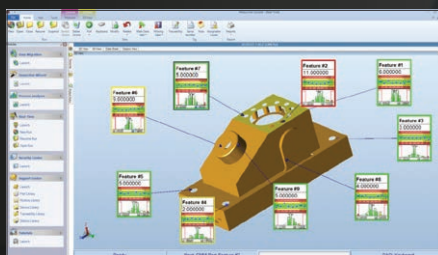
Real-Time Professional Edition

Enables customers to connect and acquire data from Mitutoyo Coordinate Measuring Machines, Vision and Form Measuring Systems via native integration (DDE). ASCII and QMD (xml-based) file import are also supported. In addition to the features above, this application also includes data filters and a full reporting tool complete with sample templates.



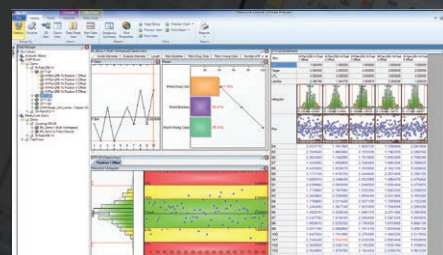
Real-Time Professional 3D Edition

Designed for customers who wish to collect data using Hoops 3D graphics view, in addition to all features offered by MeasurLink 8 Real-Time Professional Edition. Hoops 3D files can be exported from most CAD systems and provides the operator with a real view of the part. Camera angle and position can be saved for each characteristic, which provides for an intuitive, prompt guided sequence for an inspector to follow.



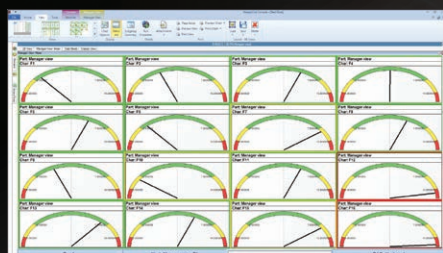
Process Analyzer

Designed for robust manipulation of Real-Time data in a networked environment using advanced features. It enables quality engineers to manipulate the data in meaningful ways that contribute to quality control initiatives. For larger installations that use different databases, the ability to switch the connection allows an engineer to analyse data from all sources. Full reporting template functionality is also provided.



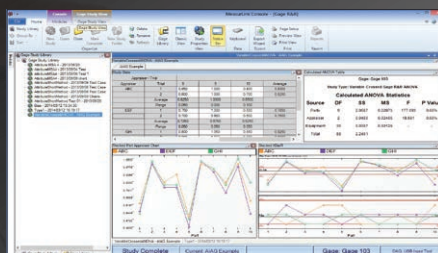
Process Manager

Process Manager provides a method for auditing the entire shop floor inspection activity from a single PC. Easily see process information without walking from one inspection area to another by viewing current production across all machines. Show clients your quality operation for the entire facility.



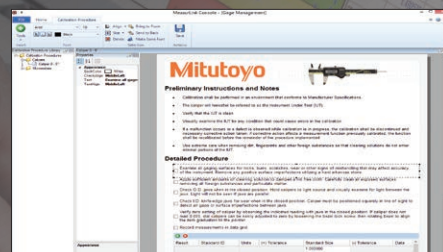
Gage R&R

These techniques provide information about a measurement system's reproducibility, repeatability, location or stability. Graphical tools allow for isolation of gauging problems including inconsistencies in technique between operators or inspectors.



Gage Management

A gauge calibration tracking software that shares the same database used by the rest of the MeasurLink software family. This assists users in developing, maintaining, organising and managing information about their gauges. Information such as gauge inservice dates, calibration recall dates, gauge R&R dates and general gauge event history is provided by an intuitive interface with complete reporting abilities.



Code No.	Description	List price	Promotion price
64AAB471R	MeasurLink 8 Real-Time Professional Edition	£1330.00	£1050.00
64AAB472R	MeasurLink 8 Real-Time Professional 3D Edition	£1480.00	£1190.00
64AAB475R	MeasurLink 8 Process Analyzer	£1330.00	£1050.00
64AAB476R	MeasurLink 8 Process Manager	£1330.00	£1050.00
64AAB477R	MeasurLink 8 Gage R&R	£742.00	£600.00
64AAB478R	MeasurLink 8 Gage Management	£1330.00	£1050.00

Code No. 64AAB478R

List price: £1330.00

£1050.00

► U-WAVE Wireless Communication System

The U-WAVE system enables easy wireless data communication from a measuring tool to a PC using the Digimatic protocol. Measurement workability is improved by eliminating the long and cumbersome data cables usually required and, coupled with MeasurLink Real-time, enables high-speed data collection and reduces operator error. In addition, the friendly user interface allows data to be input to any software product that accepts keyboard input, such as Excel® or Notepad.



► U-WAVE-R Receiver

Receives data from U-WAVE-T and sends it to a PC via a USB connection.

- Up to 100 compact measuring tool transmitters can feed data to each receiver.

Code No. 02AZD810D

List price: £320.00

£220.00



Code No.	Description	List price	Promotion price
02AZD810D	U-WAVE-R receiver	£320.00	£220.00

► U-WAVE-T Transmitter

U-WAVE-T sends measurement data to U-WAVE-R.

- Data transfer is confirmed by the transmitter through a buzzer or LED.
- An IP67-rated transmitter is available.
- Up to 400,000 data transmissions with a single battery.

Code No. 02AZD730D

List price: £187.00

£140.00



Code No.	Description	List price	Promotion price
02AZD730D	Standard (buzzer) model	£187.00	£140.00
02AZD880D	IP67 model	£187.00	£140.00



Call **01264 353123** or
email **MeasurLink@Mitutoyo.co.uk**
to arrange a free onsite consultation

► Vernier Caliper

Main scale and vernier scale in satin chrome finish offers excellent readability.

- › Stepped graduation face prevents dust ingress between the main scale and slider.
- › The small vernier face angle (14°) provides easy reading.
- › Can measure outside and inside dimensions, depth, and steps.
- › Carbide-tipped jaw calipers give the longest life when measuring rough finished parts, castings, grinding wheels, etc.
- › Decimal and fractional graduated scales.



Code No. 530-118

List price: £65.50

£44.00



Code No. 530-312

List price: £45.60

£32.00



Code No. 530-119

List price: £182.00

£110.00

Code No.	Range	Graduation	Accuracy	List price	Promotion price
530-312	0 - 150 mm (0 - 6")	0.02 mm (.001")	±0.03 mm (±.0015")	£45.60	£32.00
530-118	0 - 200 mm (0 - 8")	0.02 mm (.001")	±0.03 mm (±.0015")	£65.50	£44.00
530-119	0 - 300 mm (0 - 12")	0.02 mm (.001")	±0.04 mm (±.002")	£182.00	£110.00

► ABSOLUTE AOS Digimatic Caliper

Equipped with the same AOS (Advanced Onsite Sensor) induction type encoder used in top-of-the-line ABS coolant-proof calipers.

- › Thanks to the adoption of the electromagnetic induction type ABS encoder, this caliper can be used without concern for contamination on the scale face during measurement. The detected signal is not affected by dirt (water, oil, etc.) on the surface of the scale.
- › Character height: 9 mm (high-contrast LCD alleviates eye fatigue).
- › Smooth slider movement makes for comfortable operation.
- › Can measure outside and inside dimensions, depth, and steps.



Code No. 500-196-30

List price: £114.00

£75.00



Code No. 500-197-30

List price: £164.00

£110.00



Code No.	Range	Resolution	Accuracy*	List price	Promotion price
500-196-30	0 - 150 mm (0 - 6")	0.01 mm (.0005")	±0.02 mm (±.001")	£114.00	£75.00
500-197-30	0 - 200 mm (0 - 8")	0.01 mm (.0005")	±0.02 mm (±.001")	£164.00	£110.00

* Excluding quantizing error.

► ABSOLUTE AOS Digimatic Caliper with SPC Data Output

Equipped with the same AOS (Advanced Onsite Sensor) induction type encoder used in top-of-the-line ABS coolant-proof calipers.

- Thanks to the adoption of the electromagnetic induction type ABS encoder, this caliper can be used without concern for contamination on the scale face during measurement. The detected signal is not affected by dirt (water, oil, etc.) on the surface of the scale.
- Character height: 9 mm (high-contrast LCD alleviates eye fatigue).
- Smooth slider movement makes for comfortable operation.
- Can measure outside and inside dimensions, depth, and steps.
- Data output function allows integration into statistical process control and measurement systems.



Code No. 500-171-30

List price: £160.00

£105.00



Code No. 500-172-30

List price: £198.00

£125.00



Code No.	Range	Resolution	Accuracy*	List price	Promotion price
500-171-30	0 - 150 mm (0 - 6")	0.01 mm (.0005")	±0.02 mm (±.001")	£160.00	£105.00
500-172-30	0 - 200 mm (0 - 8")	0.01 mm (.0005")	±0.02 mm (±.001")	£198.00	£125.00
500-173	0 - 300 mm (0 - 12")	0.01 mm (.0005")	±0.03 mm (±.0015")	£370.00	£230.00

* Excluding quantizing error.

► ABSOLUTE Digimatic Coolant Proof Caliper

Can be used in workshop conditions exposed to coolant, water, dust or oil. Other specifications are the same as the conventional products. 100% inspection by air leak test is performed to ensure quality and reliability.

- Large LCD characters make the display easy to read.
- Incorporates Mitutoyo's ABSOLUTE measurement system. No need to reset the origin.
- The automatic power-on/off function shuts down the LCD display after 20 minutes inactivity, but the ABS scale unit origin is stored. Power is restored when the slider is moved.
- Can measure outside and inside dimensions, depth, and steps.



Code No. 500-752-20

List price: £150.00

£105.00



Code No. 500-753-20

List price: £207.00

£140.00



Code No.	Range	Resolution	Accuracy*	List price	Promotion price
500-752-20	0 - 150 mm (0 - 6")	0.01 mm (.0005")	±0.02 mm (±.001")	£150.00	£105.00
500-753-20	0 - 200 mm (0 - 8")	0.01 mm (.0005")	±0.02 mm (±.001")	£207.00	£140.00
500-754-10	0 - 300 mm (0 - 12")	0.01 mm (.0005")	±0.03 mm (±.0015")	£288.00	£190.00

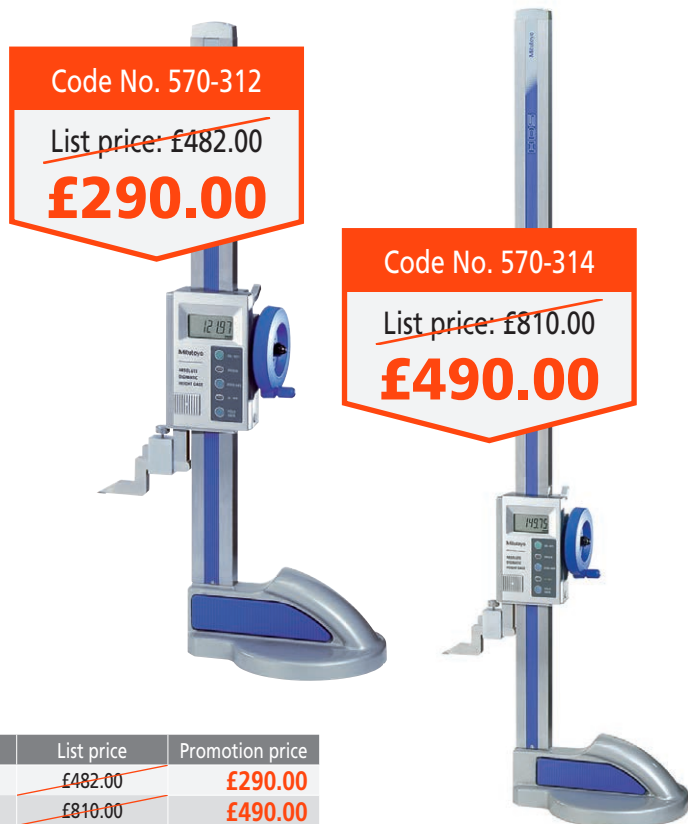
* Excluding quantizing error.

► ABSOLUTE Digimatic Ergonomic Height Gauge

Allows smooth elevation by the slider adjustment wheel, which is the same type used on the well-established double-column height gauge.

- Large slider-clamp lever ensures positive and accurate clamping action.
- High durability and high accuracy are ensured by an improved column design (35 x 15 mm cross-section).
- Character height of the LCD display is 10 mm.
- Due to the built-in ABSOLUTE scale function, origin setting is not required each time power is turned ON.
- Ergonomic and stylish base fits comfortably in the hand.
- Allows integration into statistical process control and measurement systems.

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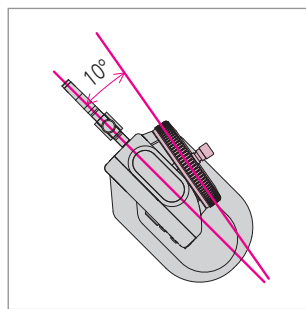
Code No.	Range	Accuracy*	Resolution	List price	Promotion price
570-312	0 - 300 mm (0 - 12")	±0.03 mm (±.0015")	0.01 mm (.0005")	£482.00	£290.00
570-314	0 - 600 mm (0 - 24")	±0.05 mm (±.002")	0.01 mm (.0005")	£810.00	£490.00

* Excluding quantizing error.

► Digimatic Double Column Height Gauge

Double-column structure ensures high measuring accuracy.

- Ergonomic base fits comfortably in the hand.
- Character height of the display has been increased (10 to 11 mm) and the high-contrast LCD provides improved readability.
- Inclined slider adjustment wheel improves slider ergonomics.
- Carbide-tipped long scriber is provided as a standard accessory.
- Battery life is 3,500 hours in continuous use.



Code No.	Range	Resolution (switchable)	Accuracy*	List price	Promotion price
192-630-10	0 - 300 mm (0 - 12")	0.01 / 0.005 mm (.0005 / .0002")	±0.02 mm (±.001")	£810.00	£520.00
192-632-10	0 - 600 mm (0 - 24")	0.01 / 0.005 mm (.0005 / .0002")	±0.05 mm (±.002")	£1180.00	£740.00

* Excluding quantizing error of ±1 count.

► Linear Height Digimatic 2D Measurement System

High-accuracy height gauge incorporating a wide range of measurement functions.

- Excellent accuracy of $(1.1+0.6L/600) \mu\text{m}$ with $0.1 \mu\text{m}/0.4 \mu\text{m}$ resolution/repeatability.
- To achieve best-in-class accuracy, a high-accuracy reflective-type linear encoder and an exceptionally straight guide are used.
- Measurement can be implemented by icon-based commands that also support easy one-key operation. Perpendicularity (frontal) of $5 \mu\text{m}$ and straightness of $4 \mu\text{m}$ are guaranteed.
- A best-in-class large colour LCD with excellent visibility is used.
- Pneumatic full/semi-floating suspension system allows adjustment of air-cushion height.
- Basic statistical functions are provided and, additionally, RS-232C data output provides the option of evaluating measurement data externally with SPC software on a PC.



Code No. 518-352E-21

List price: £5200.00

£3800.00



Code No. 518-351E-21

List price: £4940.00

£3600.00



Running the pneumatic suspension allows frictionless movement on a surface plate.



The power grip makes it easy to approach the workpiece.



Code No.	Remarks	Range	Resolution	Accuracy*	List price	Promotion price
518-351E-21	—	0 - 972 mm (0 - 38.25")	0.0001/0.001/0.01/0.1 mm (.000001/.00001/.0001/.001")	$(1.1+0.6L/600) \mu\text{m}$	£4940.00	£3600.00
518-352E-21	Power grip pre-installed	0 - 972 mm (0 - 38.25")	0.0001/0.001/0.01/0.1 mm (.000001/.00001/.0001/.001")	$(1.1+0.6L/600) \mu\text{m}$	£5200.00	£3800.00

* At 20°C. L = measuring length in mm.

Optional accessory

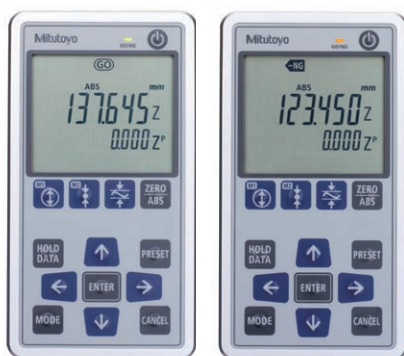
Code No.	Description	List price	Promotion price
K650986	Styli kit	£354.00	£290.00

► QM-Height ABSOLUTE Digimatic High Precision Height Gauge

High-performance height gauge with best-in-class accuracy and perpendicularity plus GO/±NG judgement functionality.

- Redesigned control panel features a dual-numeric display that shows the difference between the previous measurement value and the current value as well as the current value.
- Newly developed high accuracy and high resolution ABSOLUTE linear encoder for position detection. Once the origin is set, origin setting is not required each time you turn the power ON (except in the case of a large environmental temperature change).
- GO/±NG judgement is performed by setting upper and lower tolerances. If a judgement result is out of tolerance the 3-colour LED above the display changes from green to red or orange, so tolerance judgement can be made at a glance.
- Frequent-use measurement such as inside/outside diameter and pitch calculation can be implemented by icon-based commands that also support easy one-key operation.
- Inside/outside diameters can be measured via a unique method (detect circle apex by tracing measurement*).
- Slider elevation knob (for travel) / wheel (for measurement) allows fine and coarse height adjustment.
- An angled grip (detachable standard accessory) is conveniently placed for moving the QM-Height on the surface plate and the pneumatic suspension system enables easy, friction-free positioning.
- SPC (Digimatic) and RS-232C data output enables incorporation into statistical process control and measurement systems.

* Tracing measurement stroke is approx. 1 mm upwards and downwards from the measurement start point.



GO/±NG judgement by setting the upper and lower tolerances. Display is mounted on the housing for more comfortable usage. Probe moves independently during measurements.



Code No. 518-237

List price: £2980.00

£2490.00

Code No. 518-235

List price: £2590.00

£2190.00

Code No.	Range	Resolution	Accuracy*	List price	Promotion price
518-235	0 - 350 mm (0 - 14")	0.001 / 0.0005 mm (.00005 / .00001")	±(2.4+2.1L/600) μm	£2590.00	£2190.00
518-237	0 - 600 mm (0 - 24")	0.001 / 0.0005 mm (.00005 / .00001")	±(2.4+2.1L/600) μm	£2980.00	£2490.00

* At 20°C. L = measuring length in mm.

Optional accessories

Code No.	Description	List price	Promotion price
936937	Signal cable (1 m)	£32.90	£22.00
965014	Signal cable (2 m)	£45.00	£32.00
02AZD790D	U-WAVE connecting cable	£60.10	£53.50
06ADV380D	USB Input Tool Direct cable (2 m)	£105.00	£65.00
06AEG180E	AC adapter	£49.30	£35.00

► ABSOLUTE Digimatic Depth Gauge

Enables stable depth measurement with a resolution of 0.01 mm.

- Features Mitutoyo's ABSOLUTE system. No need to reset the origin after switching on.
- Optional longer extension bases are available.
- Data output function allows integration into statistical process control and measurement systems.

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Code No. 571-211-30

List price: £350.00

£220.00

Code No.	Range	Resolution	Accuracy*	List price	Promotion price
571-211-30	0 - 150 mm (0 - 6")	0.01 mm (.0005")	±0.02 mm (±.001")	£350.00	£220.00
571-212-30	0 - 200 mm (0 - 8")	0.01 mm (.0005")	±0.02 mm (±.001")	£364.00	£240.00
571-213-10	0 - 300 mm (0 - 12")	0.01 mm (.0005")	±0.03 mm (±.0015")	£467.00	£290.00

* Excluding quantizing error.

► Economy Micrometer

Equipped with Ratchet Stop for constant measuring force.

- Baked-enamel-finished frame.
- Carbide measuring faces.



Code No. 103-137

List price: £46.50

£29.00



Code No. 103-138

List price: £62.40

£39.00



Code No.	Range	Graduation	Accuracy	List price	Promotion price
103-137	0 - 25 mm	0.01 mm	±2 μm	£46.50	£29.00
103-138	25 - 50 mm	0.01 mm	±2 μm	£62.40	£39.00
103-177	0 - 1"	.001"	±.0001"	£46.50	£29.00
103-178	1 - 2"	.001"	±.0001"	£62.40	£39.00

► Economy Micrometer Set

Equipped with Ratchet Stop for constant measuring force.

- Baked-enamel-finished frame.
- Carbide measuring faces.
- Includes five micrometer setting standards.



Code No. 103-913-50

List price: £552.00

£350.00



Code No.	Range	Models included	List price	Promotion price
103-913-50	0 - 150 mm	103-137, 103-138, 103-139-10, 103-140-10, 103-141-10, 103-142-10	£552.00	£350.00
103-904-10	0 - 6"	103-177, 103-178, 103-179, 103-180, 103-181, 103-182	£552.00	£350.00

► Digimatic Micrometer

Simple design, such as not incorporating data output, achieves low cost.

- Provided only with an origin-set button for easy origin setting.
- Increased operability thanks to easy-to-read LCD with 30% more character display area than previous model.
- Carbide measuring faces.



Code No. 293-832-30

List price: £125.00

£95.00



Code No.	Range	Resolution	Accuracy	List price	Promotion price
293-832-30	0 - 1" (0 - 25 mm)	.00005" (0.001 mm)	±.0001" (±2 µm)	£125.00	£95.00

► Micrometer Stand

Keeps both hands free for operating the micrometer and positioning the workpiece.

- Designed to allow benchtop use of hand micrometers or other gauges which have frames suitable for gripping by the clamp.
- Fixed angle type.

Code No. 156-105-10

List price: £30.10

£23.50



Code No.	Micrometer ranges	List price	Promotion price
156-105-10	Up to 50 mm (2")	£30.10	£23.50

► ABSOLUTE Digimatic High-Accuracy Micrometer

A world-leading 0.1 µm resolution makes this micrometer ideal for customers who need to make highly accurate measurements with a hand-held tool.

- The High-Accuracy Digimatic Micrometer utilizes Mitutoyo's innovative 0.1 µm resolution ABS (absolute) rotary sensor*1 and high-accuracy screw machining technology to reduce the instrumental error to ±0.5 µm, delivering higher accuracy without sacrificing operability.
- A highly rigid frame and high-performance constant-force mechanism*1 enable more stable measurement, while the clicks emitted while the workpiece is being measured assure the operator that measurement is proceeding normally.
- Transfer of body heat to the instrument is reduced by a (removable) heat shield, minimizing error caused by thermal expansion of the frame when performing handheld measurements.
- The ABS sensor also eliminates the need to perform origin setting each time the power is turned on, letting you start measuring straight away. With no possibility of overspeed errors, this micrometer also delivers a higher level of reliability.
- A range of features enables flexible measurement, including switchable resolution (0.0001/0.0005 mm), function lock and preset.

*1 Patent pending in Japan, the United States of America, the European Union, and China.

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Code No. 293-130

List price: £1520.00

£950.00



Function lock (circled red).



With heat shield attached.

Code No.	293-130
Range	0 - 1" (0 - 25 mm)
Resolution (switchable)	.00005" / .00002" (0.0001 / 0.0005 mm)
Accuracy*2	±.00002" (±0.5 µm)
List price	£1520.00
Promotion price	£950.00

*2 Excluding quantizing error.

► Metric Dial Indicator

Standard 0.01 mm graduation dial gauge having a bezel with an outside diameter of 57 mm. Limit markers and a bezel clamp supplied as standard.

- The stem and plunger are made of high-strength quench-hardened stainless steel suitable for heavy-duty use.
- A carbide contact point is used.
- The grand gear is made of stainless steel with high resistance to wear and deformation.
- Application of a hard coating on the surface of the crystal makes it highly resistant to scratching and chemical attack.



Code No. 2046S

List price: £36.40

£22.00

Code No.	Graduation	Range (range/rev)	Accuracy				Repeatability	Scale	Measuring force	List price	Promotion price
			Overall	Retrace	1/10 rev	1 rev					
2046S	0.01 mm	10 mm (1 mm)	13 µm	3 µm	5 µm	10 µm	3 µm	±0 - 100	1.4 N or less	£36.40	£22.00

► ABSOLUTE Digimatic Economical Indicator ID-S

Cost-effective and user-friendly type which is equipped with only the basic functions necessary.

- IP42 dust/water protection level.
- The ABSOLUTE sensor restores the last origin position automatically when the indicator is turned on. It also realizes high reliability by eliminating overspeed errors.
- The stem and plunger are made of high-strength quench-hardened stainless steel suitable for heavy-duty use.
- Easy-to-read large LCD readout with a character height of 8.5 mm.
- Equipped with a data output port that enables incorporation into measurement networking and statistical process control systems.



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Code No. 543-782

List price: £118.00

£75.00

Code No.	Range	Resolution	Accuracy*	Measuring force	List price	Promotion price
543-782	12.7 mm (.5")	0.001 mm (.00005")	0.02 mm (.0008")	2.0 N or less	£118.00	£75.00

* Quantizing error of ±1 count is excluded.

► ABSOLUTE Digimatic Indicator ID-CX

Employing the ABSOLUTE Linear Encoder, the ID-CX indicator always displays the absolute position of the plunger from the origin at power-on.

- Thanks to the ABSOLUTE Linear Encoder, reliability has been increased due to elimination of overspeed errors.
- Tolerance-judging measurement is available by setting upper and lower limit values. The tolerance judgement result can be enlarged.
- Equipped with a data output port that enables incorporation into measurement networking and statistical process control systems.



ABSOLUTE™



Code No. 543-391B

List price: £291.00

£190.00

Code No.	Range	Resolution	Accuracy*	Measuring force	List price	Promotion price
543-391B	12.7 mm (.5")	0.01/0.001 mm (.0005"/.0001"/.00005")	0.003 mm (.0001")	1.5 N or less	£291.00	£190.00

* Quantizing error of ±1 count is excluded.

► Horizontal Dial Test Indicator

Provides easy access to shrouded surfaces that cannot be reached with conventional dial indicators.

- › No-clutch structure for automatic reversal of measuring direction.
- › Resistant to water and dust thanks to the one-piece bezel and O-ring seal for the crystal.
- › The glare-free flat crystal face has a scratch resistant coating.
- › High sensitivity and quick response due to low-friction jewelled bearings.



Knurled clamp ring and stem (ø3/8" or ø8 mm) included.

Code No. 513-402

List price: £86.00

£60.00



Code No. 513-404-10E

List price: £83.20

£55.00



Code No.	Graduation	Range	Accuracy	Scale	Measuring force	List price	Promotion price
513-402	.0005"	.3"	±.0005"	0-15-0	0.3 N or less	£86.00	£60.00
513-404-10E	0.01 mm	0.8 mm	8 µm	0-40-0	0.3 N or less	£83.20	£55.00

► Magnetic Stand

Mitutoyo's magnetic stands accept all dial indicators and dial test indicators (with stem ø6 mm or ø8 mm).

- › Clamps to iron or steel surfaces with a strong magnetic force (600 N).



Application example (indicator not included).

Code No. 7010SN

List price: £58.50

£36.00



Code No.	Acceptable stem sizes	Working radius	List price	Promotion price
7010SN	ø4 mm, ø8 mm, ø9.53 mm (3/8")	150 mm	£58.50	£36.00

► Surftest SJ-210 Portable Surface Roughness Tester

The 2.4-inch colour graphic LCD provides excellent readability and an intuitive display that is easy to navigate. The LCD also includes a backlight for improved visibility in dark environments.

- The Surftest SJ-210 can be operated easily using the buttons on the front of the unit and under the sliding cover.
- Up to 10 setups and one measured profile can be stored in the internal memory.
- An optional memory card can be used as an extended memory to store large quantities of measured profiles and conditions.
- Access to each feature can be password-protected, which prevents unintended operations and allows you to protect your settings.
- The display interface supports 16 languages, which can be freely switched.
- An alarm warns you when the cumulative measurement distance exceeds a preset limit so that the stylus can be replaced in good time.
- The Surftest SJ-210 complies with the following standards: JIS (JIS-B0601-2001, JIS-B0601-1994, JIS-B0601-1982), VDA, ISO-1997, and ANSI.
- In addition to calculation results, the Surftest SJ-210 can display sectional calculation results and assessed profiles, load curves, and amplitude distribution curves.



Code No.	Drive unit	Detector measuring force	Stylus tip conical angle	Stylus tip radius	List price	Promotion price
178-561-02E	Standard type	4 mN	90°	5 µm	£1480.00	£1290.00



SD card slot for data storage.



Quick and easy hand-held measurement.



Detachable drive unit.

► PJ-A3000 Profile Projector

The PJ-A3000 Series profile projectors comprises medium-size bench-top models that feature excellent versatility and easy operation.

- Easy-to-read digital XY counter is located near the projection screen to minimize eye movement.
- Digital readout protractor screen facilitates angle measurement.
- Combination use with the optional 2D Data Processor QM-Data200 enables a variety of dimensional measurement methods.



302-703-1E stage.

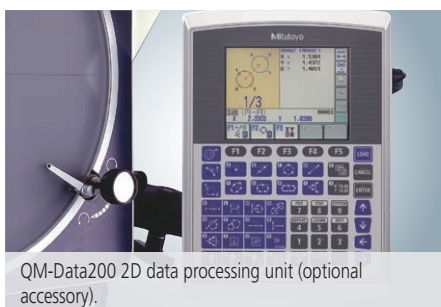
Code No. 302-701-1E

List price: £7990.00

£6950.00



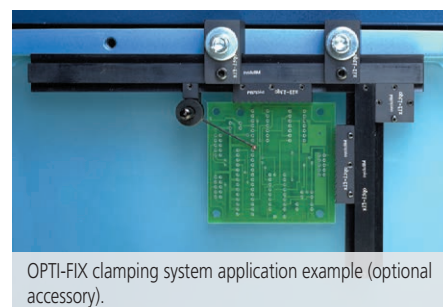
Code No.	Model	XY stage travel range	XY stage size	Max. stage loading	List price	Promotion price
302-703-1E	PJ-A3010F-100	100 x 100 mm	250 x 250 mm	10 kg	£6570.00	£5850.00
302-701-1E	PJ-A3010F-200	200 x 100 mm	380 x 250 mm	8 kg	£7990.00	£6950.00



QM-Data200 2D data processing unit (optional accessory).



OPTOEYE-200 edge detection system for QM-Data200 (optional accessories).



OPTI-FIX clamping system application example (optional accessory).

Optional accessories

Code No.	Description	List price	Promotion price
264-156E	QM-Data200 data processing unit with mounting bracket	£1640.00	£1490.00
12AAA807D*1	PJ-A3000 to QM-Data200 connection cable	£35.10	£32.50
332-151*2	OPTOEYE-200 edge detection sensor	£946.00	£790.00
12AAE671	Detector attachment for OPTOEYE-200	£26.80	£21.00
937179T	Footswitch	£45.30	£25.00
K550892	OPTI-FIX clamping system (12 pcs.)	£403.00	£350.00

*1 Only in combination with QM-Data200. *2 Not for use with OPTOEYE-200.

► PV-5110 Profile Projector

Floor-standing model using overhead illumination which allows a large, conveniently positioned screen so that projected images can be easily traced or compared with a template.

- › Digital readout protractor screen (including zero-setting, ABS/INC coordinate switching functions) for easy and error-free angle measurement.
- › The XY stage is equipped with a quick release mechanism for fast table movements.
- › The movement of the XY stage can be displayed using either the 2-axis KA-200 Counter or the advanced QM-Data200 data processor (optional accessories).

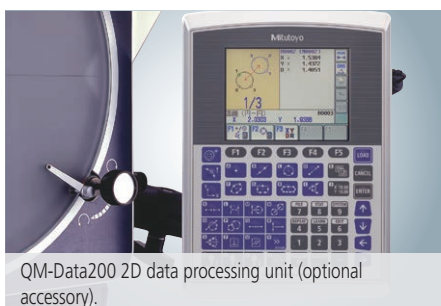


Shown with KA-200 Counter and stand (optional accessories).

Code No. 304-919E
List price: £13300.00
£9500.00



Code No.	Model	XY stage travel range	XY stage size	Max. stage loading	List price	Promotion price
304-919E	PV-5110	200 x 100 mm	380 x 250 mm	5 kg	£13300.00	£9500.00



QM-Data200 2D data processing unit (optional accessory).



OPTOEYE-200 edge detection system for QM-Data200 (optional accessories).



OPTI-FIX clamping system application example (optional accessory).

Optional accessories

Code No.	Description	List price	Promotion price
264-156E	QM-Data200 data processing unit with mounting bracket	£1640.00	£1490.00
332-151*	OPTOEYE-200 edge detection sensor	£946.00	£790.00
12AAE672	Detector attachment for OPTOEYE-200	£39.40	£30.00
937179T	Footswitch	£45.30	£25.00
174-183E	KA-200 Counter	£542.00	£325.00
12AAF182	Stand for KA-200 Counter	£76.40	£51.00
K550892	OPTI-FIX clamping system (12 pcs.)	£403.00	£350.00

* Only in combination with QM-Data200.



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