

Spring Promotion

2026

Valid from April 1, 2026
until May 31, 2026

PRECISION ●
IS IN OUR **DNA** ●

Mitutoyo



A culture of accuracy. **KAIZEN** as a mindset.

4 reasons why Mitutoyo makes the difference for our customers.



PRECISION ●
IS IN OUR **DNA** ●

Find out more:



Meaning of symbols

Logo	Short	Description
	Wireless Data Transmission System	U-WAVE is Mitutoyo's proprietary wireless data transmission system which is superior to Bluetooth in both reliability and range. It is based on IEEE802.15.4 signals in the 2.4 GHz band.
	Transmitter System for U-WAVE and Bluetooth	U-WAVE fit transmitters are available in both U-Wave and Bluetooth version.
	Mitutoyo's Data Transmission Standard	Mitutoyo's original Digimatic Interface enables fast and reliable transfer of measurement data to external systems such as PCs, printers and Mitutoyo Counter Units.
	Bidirectional Communication System for Measuring Devices	Mitutoyo's proprietary bidirectional serial communication protocol enables a connected PC to execute measurement data output, setting and control of a measuring instrument, and capture of information of a specific measuring instrument.
 <small>An Integrated Solution for Quality Data Management</small>	SPC Software System	MeasurLink® is a measurement data management (SPC) software system based on databases (SQL Server).
	Harsh Environment Protection Level	Protection class against water and dust refer to Standard IEC 60529.
	Certificate of Inspection	Includes inspection data so that customers can use them with confidence. Mitutoyo also calibrates the purchased measuring instrument and issues, for a fee, a calibration certificate that proves traceability to the relevant standard.
	ABSOLUTE Linear Encoder	Electronic measuring scale that provides a direct readout of ABSOLUTE linear position. No initialization required after switching on.
	Universal Term for Mitutoyo Digimatic Small Tools	These small tool instruments are not only resistant to dust and water ingress (rated to IP65 or better), but also to deterioration of materials due to contact with the cutting oil or coolant fluids in normal use. Note: Some types of aggressive cutting oil or coolant may degrade the sealing materials over time.

QuantuMike Digital Micrometers IP65



- The spindle moves four times faster than of the standard micrometer.
- 2 mm/rotation spindle pitch.
- The calibration alert function helps with effective measuring instrument management.
- Supports bidirectional Digimatic S1 serial communication.
- IP65 for excellent resistance against water and dust.



No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
293-180-40	Digital Micrometer QuantuMike IP65	0-1" (0-25.4 mm)	.00005" (0.001 mm)	±1 µm	Yes	£366.00	£260.00
293-181-40	Digital Micrometer QuantuMike IP65	1-2" (25.4-50.8 mm)	.00005" (0.001 mm)	±1 µm	Yes	£389.00	£280.00
293-182-40	Digital Micrometer QuantuMike IP65	2-3" (50.8-76.2 mm)	.00005" (0.001 mm)	±1 µm	Yes	£438.00	£310.00
293-183-40	Digital Micrometer QuantuMike IP65	3-4" (76.2-101.6 mm)	.00005" (0.001 mm)	±2 µm	Yes	£498.00	£360.00



ABSOLUTE Quickmike Digital Micrometer IP65



- With 10 mm feed/ thimble rotation, non-rotating spindle.
- IP65 for excellent resistance against water and dust.
- Coolant-proof design suitable for machining environments with splashing coolant fluid.



No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
293-676-20	ABSOLUTE Quickmike Digital Micrometer	0 - 1.2" (0 - 30.48 mm)	.00005" (0.001 mm)	±2 µm	Yes	£532.00	£380.00

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U-WAVE

MeasurLink[®] ENABLED
Data Management Software by Mitutoyo

Analogue Micrometers



103-137



102-301



103-913-50

- Equipped with Ratchet Stop for constant measuring force.
- Carbide measuring faces.

No.	Description	Description	Range	Scale Graduation	List Price	Promotion Price
103-137	Analogue Micrometer	Economy design	0-25 mm	0.01 mm	£59.20	£40.00
102-301	Analogue Micrometer	With thermally insulating frame	0-25 mm	0.01 mm	£79.10	£55.00

No.	Description	Range	Scale Graduation	List Price	Promotion Price
103-913-50	Analogue Micrometer Economy Design Set (6 pcs.)	0-150 mm	0.01 mm	£683.00	£490.00
103-915-10	Analogue Micrometer Economy Design Set (6 pcs.)	150-300 mm	0.01 mm	£1,460.00	£1,050.00
103-914-50	Analogue Micrometer Economy Design Set (12 pcs.)	0-300 mm	0.01 mm	£2,050.00	£1,480.00



(Except 103-913-50, 103-915-10, 103-914-50 >50 mm range)

Digital Special Purpose Micrometers



- Micrometers for specific measurement applications.
- IP65 for excellent resistance against water and dust (except 422-330-30).
- Coolant-proof design suitable for machining environments with splashing coolant fluid (except 422-330-30).

323-350-30



331-351-30



395-371-30



342-371-30



422-330-30

No.	Description	Range	Resolution	Data Output	List Price	Promotion Price
323-350-30	Digital Disc Micrometer (disk anvil and spindle ø20 mm)	0 - 1" (0 - 25.4 mm)	.00005" (0.001 mm)	Yes	£606.00	£430.00
331-351-30	Digital Spline Micrometer (spline anvil and spindle ø3mm)	0 - 1" (0 - 25.4 mm)	.00005" (0.001 mm)	Yes	£557.00	£400.00
342-371-30	Digital Crimp Height Micrometer	0 - .8" (0 - 20.32 mm)	.00005" (0.001 mm)	Yes	£580.00	£420.00
395-371-30	Digital Tube Micrometer (spherical anvil and spindle)	0 - 1" (0 - 25.4 mm)	.00005" (0.001 mm)	Yes	£499.00	£360.00
422-330-30	Digital Blade Micrometer (blade anvil and spindle 0.75 mm)	0 - 1" (0 - 25.4 mm)	.00005" (0.001 mm)	Yes	£865.00	£620.00

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IP65

U-WAVE fit

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(Except 422-330-30)

ABSOLUTE Coolant Proof Digital Caliper IP67

- IP67 for excellent resistance against water and dust.
- Coolant-proof design suitable for machining environments with splashing coolant fluid.
- ABSOLUTE scale requires no origin setting after power on and has no limit to response speed.



No.	Description	Range	Resolution	List Price	Promotion Price
Without data output					
500-752-20	ABSOLUTE Coolant Proof Digital Caliper IP67	0-150 mm (0-6")	0.01 mm (.0005")	£199.00	£140.00
500-753-20	ABSOLUTE Coolant Proof Digital Caliper IP67	0-200 mm (0-8")	0.01 mm (.0005")	£273.00	£190.00
500-754-20	ABSOLUTE Coolant Proof Digital Caliper IP67	0-300 mm (0-12")	0.01 mm (.0005")	£384.00	£270.00
With data output					
500-762-20	ABSOLUTE Coolant Proof Digital Caliper IP67	0-150 mm (0-6")	0.01 mm (.0005")	£243.00	£170.00
500-763-20	ABSOLUTE Coolant Proof Digital Caliper IP67	0-200 mm (0-8")	0.01 mm (.0005")	£342.00	£240.00
500-764-20	ABSOLUTE Coolant Proof Digital Caliper IP67	0-300 mm (0-12")	0.01 mm (.0005")	£477.00	£340.00

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COOLANT PROOF™

IP67

U-WAVE^{fit}

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ABSOLUTE Digital Caliper



- Standard type digital caliper.
- ABSOLUTE scale requires no origin setting after power on and has no limit to response speed.
- Large and clear LCD readout with 20,000 hours battery life.

No.	Description	Range	Resolution	List Price	Promotion Price
Without data output					
500-196-30	ABSOLUTE Digital Caliper	0 - 150 mm (0 - 6")	0.01 mm (.0005")	£146.00	£105.00
500-197-30	ABSOLUTE Digital Caliper	0 - 200 mm (0 - 8")	0.01 mm (.0005")	£211.00	£150.00
500-193-30	ABSOLUTE Digital Caliper	0 - 300 mm (0 - 12")	0.01 mm (.0005")	£420.00	£300.00
With data output					
500-171-30	ABSOLUTE Digital Caliper	0 - 150 mm (0 - 6")	0.01 mm (.0005")	£205.00	£140.00
500-172-30	ABSOLUTE Digital Caliper	0 - 200 mm (0 - 8")	0.01 mm (.0005")	£254.00	£180.00
500-173-30	ABSOLUTE Digital Caliper	0 - 300 mm (0 - 12")	0.01 mm (.0005")	£459.00	£330.00

ABSOLUTE

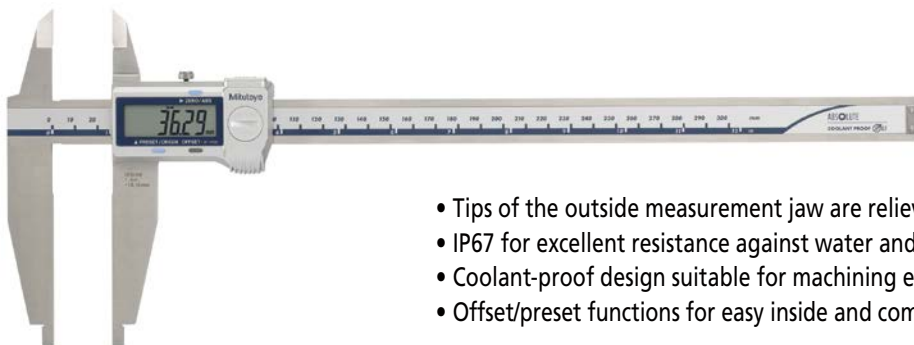
DIGIMATIC

U-WAVE *fit*

MeasurLink **ENABLED**
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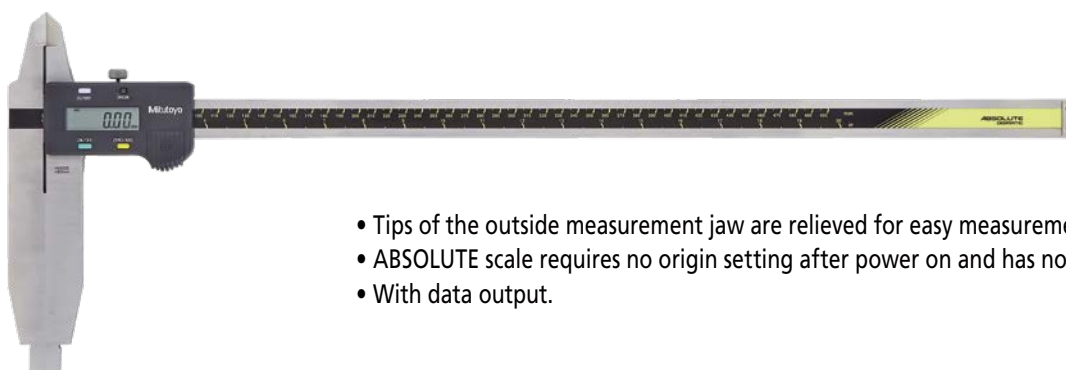
ABSOLUTE Digital Nib/Standard Jaw Caliper



- Tips of the outside measurement jaw are relieved for easy measurement of thin parts.
- IP67 for excellent resistance against water and dust.
- Coolant-proof design suitable for machining environments with splashing coolant fluid.
- Offset/preset functions for easy inside and comparison measurement.

No.	Description	Range	Resolution	Data Output	List Price	Promotion Price
551-341-20	ABSOLUTE Digital Nib/Standard Jaw Caliper IP67	0 - 300 mm (0 - 12")	0.01 mm (.0005")	Yes	£610.00	£440.00

ABSOLUTE DIGIMATIC COOLANT PROOF™ IP67 U-WAVE fit MeasurLink™ ENABLED
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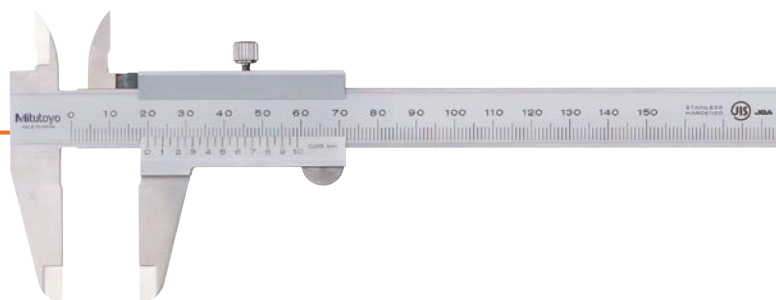


- Tips of the outside measurement jaw are relieved for easy measurement of thin parts.
- ABSOLUTE scale requires no origin setting after power on and has no limit to response speed.
- With data output.

No.	Description	Range	Resolution	Data Output	List Price	Promotion Price
551-224-10	ABSOLUTE Digital Nib/Standard Jaw Caliper	0 - 500 mm (0 - 20")	0.01 mm (.0005")	Yes	£973.00	£700.00

ABSOLUTE DIGIMATIC U-WAVE MeasurLink™ ENABLED
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Vernier Caliper



- Ultra-smooth sliding.

No.	Description	Range	Graduation	List Price	Promotion Price
530-101	Vernier Caliper	0 - 150 mm	0.05 mm	£43.90	£30.00
530-122	Vernier Caliper	0 - 150 mm	0.02 mm	£58.20	£40.00

ABSOLUTE Digital Depth Gauge

- Measuring surfaces are hardened and micro-lapped.
- ABSOLUTE scale requires no origin setting after power on and has no limit to response speed.
- With 100 mm base.



No.	Description	Range	Resolution	Data Output	List Price	Promotion Price
571-211-30	ABSOLUTE Digital Depth Gauge	0- 150 mm (0-6")	0.01 mm (.0005")	Yes	£434.00	£310.00
571-213-30	ABSOLUTE Digital Depth Gauge	0- 300 mm (0-12")	0.01 mm (.0005")	Yes	£579.00	£410.00

ABSOLUTE DIGIMATIC U-WAVEfit MeasurLink ENABLED
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Digital Depth Micrometer

- Design with ø4 mm interchangeable rods.
- With 4 x .63" base.



No.	Description	Range	Resolution	No. of rods	List Price	Promotion Price
329-350-30	Digital Depth Micrometer	0- 150 mm (0-6")	0.001 mm (.00005")	6	£719.00	£520.00

DIGIMATIC U-WAVEfit MeasurLink ENABLED
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3-Point Internal Micrometer Set

- Titanium-coated measuring pins give you excellent durability and impact resistance.



368-912



No.	Description	Range	Scale Graduation	Accuracy	List Price	Promotion Price
368-911	Analogue 3-Point Internal Micrometer Set (3 pcs.)	6 - 12 mm	0.001 mm	±2 µm	£1,120.00	£810.00
368-912	Analogue 3-Point Internal Micrometer Set (2 pcs.)	12 - 20 mm	0.005 mm	±3 µm	£828.00	£600.00
368-913	Analogue 3-Point Internal Micrometer Set (4 pcs.)	20 - 50 mm	0.005 mm	±3 µm	£2,540.00	£1,840.00



- IP65 for excellent resistance against water and dust.
- Coolant-proof design suitable for machining environments with splashing coolant fluid.
- Titanium-coated measuring pins give excellent durability and impact resistance.
- Corresponding setting ring(s) included.



468-977



No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
468-976	Digital 3-Point Internal Micrometer IP65 Set (3 pcs.)	.275 - .5" (6.985 - 12.7 mm)	.00005" (0.001 mm)	±2 µm	Yes	£2,130.00	£1,540.00
468-977	Digital 3-Point Internal Micrometer IP65 Set (2 pcs.)	.5 - .8" (12.7 - 20.32 mm)	.00005" (0.001 mm)	±3 µm	Yes	£1,770.00	£1,280.00
468-978	Digital 3-Point Internal Micrometer IP65 Set (4 pcs.)	.8 - 2" (20.32 - 50.8 mm)	.00005" (0.001 mm)	±3 µm	Yes	£2,980.00	£2,160.00

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ABSOLUTE Digital Snap Open Bore Gauge Set

- Snap Open Bore Gauge Set with one display unit and interchangeable heads.
- Titanium-coated measuring pins gives you excellent durability and impact resistance.
- 330° rotatable display unit also gives you easy reading at any angle.
- Corresponding setting rings included.



568-930-10

No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
568-928-10	ABSOLUTE Digital Snap Open Bore Gauge Set with interchangeable heads (3 pcs.)	.275 - .5" (6.985 - 12.7 mm)	.00005" (0.001 mm)	±5 µm	Yes	£1,980.00	£1,430.00
568-929-10	ABSOLUTE Digital Snap Open Bore Gauge Set with interchangeable heads (3 pcs.)	.5 - 1" (12.7 - 25.4 mm)	.00005" (0.001 mm)	±5 µm/ ±6 µm	Yes	£2,180.00	£1,580.00
568-930-10	ABSOLUTE Digital Snap Open Bore Gauge Set with interchangeable heads (3 pcs.)	1 - 2" (25.4 - 50.8 mm)	.00005" (0.001 mm)	±6 µm	Yes	£2,600.00	£1,880.00

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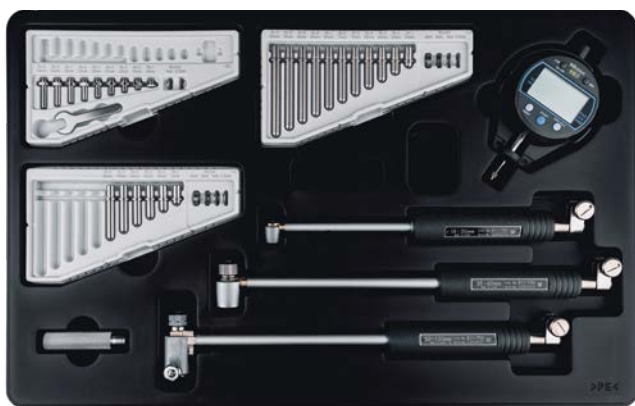


Bore Gauge Set

- Carbide contact points ensure high durability and wear resistance.
- It reduces the influence of heat from the operator's hand by 50% by making the grip hollow structured.
- The Bore Gauge is supplied with a Dial Indicator.



No.	Description	Range	Graduation	Accuracy	List Price	Promotion Price
511-921-20	2-Point Bore Gauge Set with Dial Indicator	18 - 150 mm	0.01 mm	±3 μm	£538.00	£390.00



- Carbide contact points ensure high durability and wear resistance.
- It reduces the influence of heat from the operator's hand by 50% by making the grip hollow structured.
- The Bore Gauge is supplied with a Digital Indicator with minimum holding function that allows you to easily detect a hole diameter.
- With data output.

No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
511-925-20	2-Point Bore Gauge Set with Digital Indicator	18 - 150 mm	0.001 mm	±2 μm	Yes	£952.00	£690.00

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Height Gauge

- Fits comfortably in the hand and moves easily on the surface plate.
- The main scale slides and clamps within the column for quick and convenient zero-setting.
- With fine adjustment.
- Carbide-tipped scriber provided as a standard accessory.



No.	Description	Range	Scale Graduation	Accuracy	List Price	Promotion Price
506-208	Vernier Height Gauge	0 - 200 mm (0 - 8")	0.02 mm (.001")	±0.03 mm (±.001")	£361.00	£260.00
514-103	Vernier Height Gauge	0 - 300 mm (0 - 12")	0.02 mm (.001")	±0.04 mm (±.002")	£453.00	£320.00

- Double-column structure ensures high measuring accuracy.
- Ergonomic base fits comfortably in the hand.
- A large display and buttons for easy operability.
- Allows integration into statistical process control and measurement systems.
- Carbide-tipped long scriber is provided as a standard accessory.



No.	Description	Range	Resolution (switchable)	Accuracy	List Price	Promotion Price
192-633-10	Digital Height Gauge	0 - 1000 mm (0 - 40")	0.01/0.005 mm (.0005/.0002")	±0.07 mm (±.003")	£3,050.00	£2,210.00

ABSOLUTE Digital Thickness Gauge

- Ideal for measuring film, paper etc. with flat contact points.
- Bidirectional communication e.g. to perform parameter setting from a PC (Digimatic S1 interface).
- GO/±NG judgement is performed by setting the upper and lower tolerances.
- Ceramic contact points.



ABSOLUTE DIGIMATIC S1 U-WAVE fit MeasurLink[®] ENABLED
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No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
547-300A	ABSOLUTE Digital Thickness Gauge	0 - 10 mm (0 - .4")	0.01 mm (.0005")	±20 µm (±.001")	Yes	£482.00	£340.00

ABSOLUTE Digital Indicator ID-S

- Standard model, easy-to-use with basic functions.
- ABSOLUTE scale requires no origin setting after power on and has no limit to response speed.



ABSOLUTE DIGIMATIC U-WAVE MeasurLink[®] ENABLED
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No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
543-782B-10	ABSOLUTE Digital Indicator ID-S	.5" (12.7 mm)	.0005" (0.01 mm)	±.001" (0.02 mm)	Yes	£166.00	£120.00

ABSOLUTE Digital Indicator ID-C

543-701B | 543-716B | 543-721B | 543-731B

- Bidirectional communication e.g. to perform parameter setting from a PC (Digimatic S1 interface).
- Suitable for measurements, such as simple calculation Ax and MAX/MIN/RANGE detection.
- GO/±NG judgement is performed by setting the upper and lower tolerances.

543-301B-10

- MAX/MIN/RANGE sampling rate: 50 readings/s (fast mode).
- GO/±NG judgement is performed by setting the upper and lower tolerances.



543-701B with optional accessories:
Stand 215-150-10 and Lifting Cable 211ZA295

No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
543-701B	ABSOLUTE Digital Indicator ID-C	.5" (12.7 mm)	.00002" (0.0005 mm)	±.00012" (0.003 mm)	Yes	£372.00	£260.00
543-716B	ABSOLUTE Digital Indicator ID-C (low measuring force type)	.5" (12.7 mm)	.0005" (0.01 mm)	±.001" (0.02 mm)	Yes	£352.00	£250.00
543-721B	ABSOLUTE Digital Indicator ID-C	1" (25.4 mm)	.00002" (0.0005 mm)	±.00012" (0.003 mm)	Yes	£534.00	£380.00
543-731B	ABSOLUTE Digital Indicator ID-C	2" (50.8 mm)	.00002" (0.0005 mm)	±.0002" (0.005 mm)	Yes	£580.00	£420.00
543-301B-10	ABSOLUTE Digital Peak Value Hold Indicator ID-C	.5" (12.7 mm)	.00005" (0.001 mm)	±.0001" (0.003 mm)	Yes	£477.00	£340.00

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DIGIMATIC S1

(Except 543-301B-10)

DIGIMATIC

(543-301B-10 only)

U-WAVE fit

(543-701B,
543-716B only)

U-WAVE

(Except 543-701B,
543-716B)

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Data Management Software by Mitutoyo



Dial Indicator

- Bezel clamp and lifting lever (optional) can be attached to either right or left side. They can be easily installed and removed without tools.
- The absence of through-holes in the frame, combined with an O-ring seal, prevents water and oil ingress.



2110AB-10



3058AB-19



2046A/AB



No.	Description	Range	Graduation	Bezel	List Price	Promotion Price
2046AB	Dial Indicator with flat back	10 mm	0.01 mm	ø57 mm	£46.30	£30.00
2046A	Dial Indicator with lug back	10 mm	0.01 mm	ø57 mm	£46.30	£30.00
2110AB-10	Dial Indicator, jewelled bearing, shockproof with flat back	1 mm	0.001 mm	ø57 mm	£123.00	£85.00
3058AB-19	Dial Indicator, jewelled bearing, shockproof with flat back	50 mm	0.01 mm	ø78 mm	£212.00	£150.00

Dial Test Indicator

- Drastically enhanced durability, sensitivity and visibility, with 8 mm stem and ø2 mm stylus.
- Glare-free, flat, and multi-layer coated crystal face allows easy reading of graduations.



513-404-10E



513-517-10E



No.	Description	Range	Graduation	Stylus Length	Bezel	List Price	Promotion Price
513-404-10E	Horizontal Dial Test Indicator	0.8 mm	0.01 mm	17.4 mm	ø40 mm	£107.00	£75.00
513-517-10E	Pocket Dial Test Indicator	0.8 mm	0.01 mm	17.4 mm	ø29.2 mm	£123.00	£85.00

Gauge Blocks



516-967-10

No.	Description	Blocks Per Set	Grade	Accuracy	List Price	Promotion Price
516-963-10	Steel Gauge Block Set	47	1	EN ISO 3650	£1,430.00	£1,030.00
516-967-10	Steel Gauge Block Set	32	1	EN ISO 3650	£877.00	£630.00
516-362-10	CERA Gauge Block Set	47	0	EN ISO 3650	£3,210.00	£2,320.00
516-366-10	CERA Gauge Block Set	32	0	EN ISO 3650	£1,450.00	£1,050.00

47 Block Set Configuration		
Size [mm]	Step [mm]	Quantity
1.005	—	1
1.01-1.19	0.01	19
1.2-1.9	0.1	8
1-9	1	9
10-100	10	10

32 Block Set Configuration		
Size [mm]	Step [mm]	Quantity
1.005	—	1
1.01-1.09	0.01	9
1.1-1.9	0.1	9
1-9	1	9
10-30	10	3
60	—	1

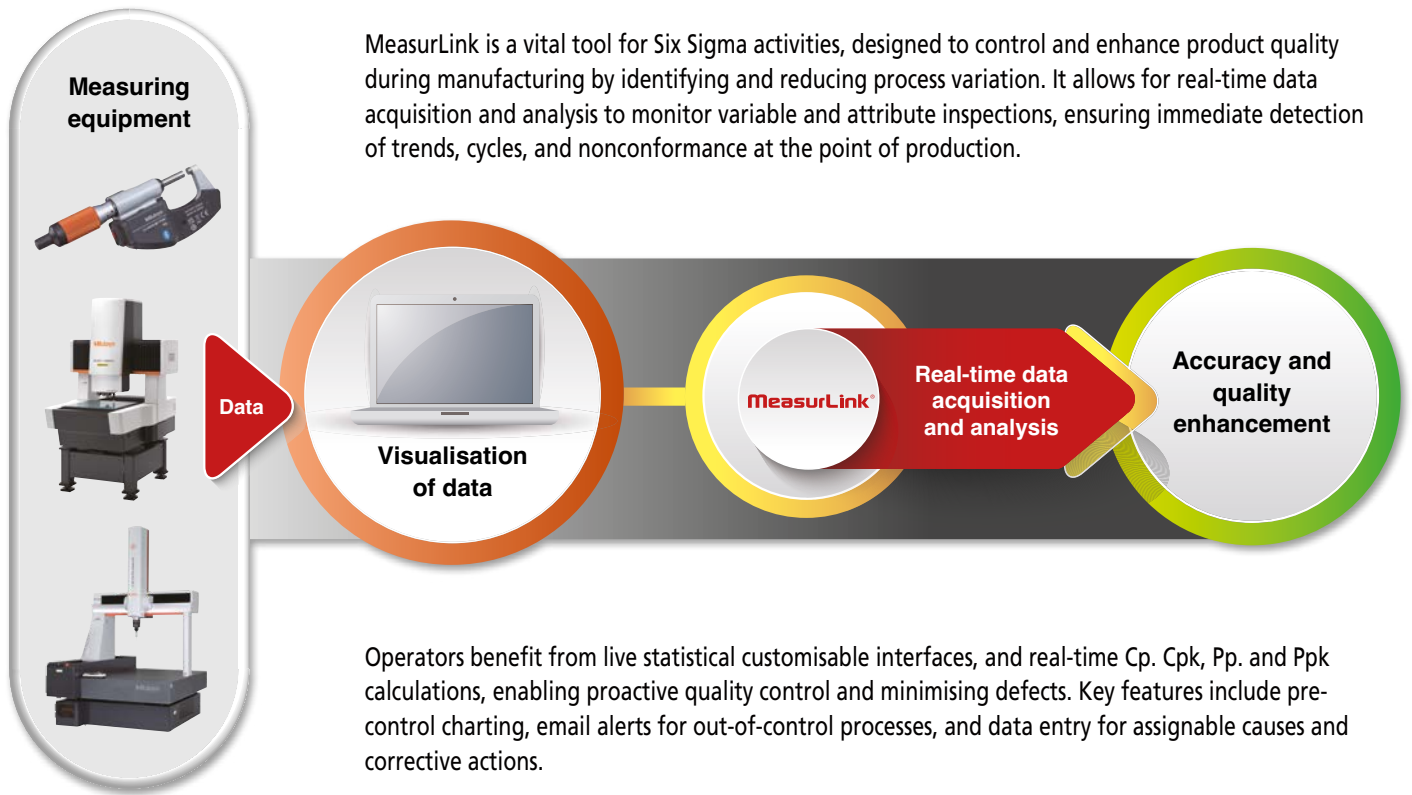
Magnetic Stand for Indicators

- With a 346 mm working radius.
- With mechanical locking system.
- V-grooved base allows the stand to mount securely on cylindrical as well as flat surfaces.



No.	Description	List Price	Promotion Price
7033-10	Magnetic Stand	£463.00	£330.00

MeasurLink® Software

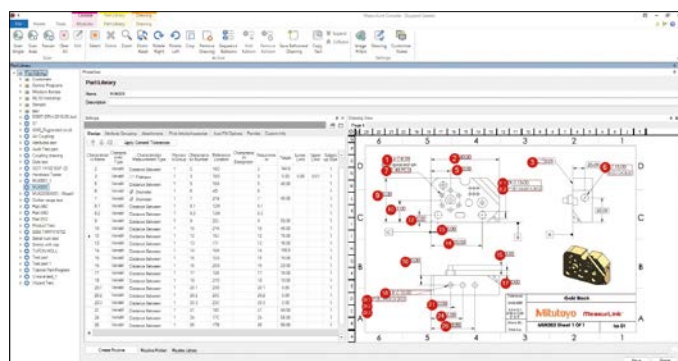


No.	Description	List Price	Promotion Price
64AAB837R	MeasurLink® 10 Real-Time Professional Edition	£2,015.00	£1,350.00

Get on track faster with powered OCR for rapid part program creation.

2D prints can be scanned, using OCR technology, in order to assist in creating a new part, ballooning the drawing and populating tolerances.

A ballooned image of the original print can be saved and used in Real-Time behind callouts in the 2D View.



Check out our extra modules

Enhance your workflow with MeasurLink

- Security Centre
- Real-Time Professional 3D
- Process Analyser
- Gauge R&R
- Gauge Management
- Report Scheduler
- Support Centre
- Process Manager
- Collection Scheduler

U-WAVE Wireless Communication System

Eliminates human error, saving time and streamlining the process.

The U-Wave system is a wireless data communication solution designed for efficient and accurate data transfer from measuring tools, such as calipers and micrometers, to PCs. It streamlines data collection, reduces errors, and enhances productivity in quality control and inspection processes.



Acquire measurement data from various Digimatic gauges equipped with U-WAVE

Instantly transfer data wirelessly to your PC, smartphone or tablet



To discover the full range of Mitutoyo U-WAVE products, scan this code or visit our webshop at shop.mitutoyo.co.uk

USB-ITPAK Software

Inspection item	Size A	Size B	Size C	Size D	Appearance
Measuring item	ID	ID	ID	ID	M
Tolerance	Minimum limit				Isocd: 1
	Maximum limit				Tab:0000-T
Sample 1					
Sample 2					
Sample 3					
Sample 4					
Sample 5					
Sample 6					
Sample 7					
Sample 8					
Sample 9					
Sample 10					
Average (Av)					
Standard deviation (S)					
Av + 3σ					
Av - 3σ					
MAX (Max + 3σ)					
MIN (Min - 3σ)					
Overall judgment	Passed				[Special note]

- Supports bidirectional serial communication provided by e.g. ID-C Indicator (2022 model), Height Gauge LH-600F/FG, QuantuMike (2024 model).
- Various settings are available like zero set, preset, unit, counting direction, tolerance setting, calibration date setting a.s.o.
- Measurement status information can be read like serial number, code number, calibration date, user control number a.s.o.
- Compatible OS: Microsoft Windows® 10 (64 bit) and Windows®11.
- The full version offered here allows the measured values to be transferred to predefined Microsoft Excel® cells.

Measurement values can be specifically assigned in a previously created Excel spreadsheet.

No.	Description	List Price	Promotion Price
06AGR543	USB Dongle + Manual (software available online)	£301.00	£260.00

QM-Height Precision Height Gauge



- Equipped with a high-accuracy, high-resolution ABSOLUTE linear encoder for position detection.
- Types with and without pneumatic drive mechanism.
- GO/±NG judgement is performed by setting the upper and lower tolerances.

No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
518-241	QM-Height, without air flotation system	0 - 350 mm (0 - 14")	0.001/0.005 mm (.00005/.0001")	±(2.4+2.1L/600) μm*	Yes	£3,260.00	£2,850.00
518-245	QM-Height, with air flotation system	0 - 350 mm (0 - 14")	0.001/0.005 mm (.00005/.0001")	±(2.4+2.1L/600) μm*	Yes	£3,650.00	£3,190.00
518-243	QM-Height, without air flotation system	0 - 600 mm (0 - 24")	0.001/0.005 mm (.00005/.0001")	±(2.4+2.1L/600) μm*	Yes	£3,500.00	£3,060.00
518-247	QM-Height, with air flotation system	0 - 600 mm (0 - 24")	0.001/0.005 mm (.00005/.0001")	±(2.4+2.1L/600) μm*	Yes	£4,110.00	£3,590.00

* L = length (mm)

ABSOLUTE

DIGIMATIC

U-WAVE

MeasurLink[®] ENABLED
Data Management Software by Mitutoyo



Linear Height 2D Measurement System

Linear Height LH-600 is a high-end 2D height measuring instrument

- Measurement operations can be performed by using the hybrid controller box with a touchscreen and integrated sheet keyboard.
- It is capable of measuring with a digital step of 0.1 μm .
- Excellent accuracy of $(1.1+0.6L/600) \mu\text{m}$.
- Bidirectional Digimatic data output (Digimatic S1).
- Measurement results can be printed from a receipt printer or Digimatic Printer (DP-1VA) and sent to a PC via wireless communication, USB cable, or USB stick.
- Pneumatic drive mechanism.
- Automated running of pre-learned part programs.
- Excellent visualisation of GO/ \pm NG tolerance comparisons.
- Independent operation with rechargeable battery.
- LH-communication tool software available online free of charge.



518-360-13

BOOK YOUR DEMO TODAY

www.mitutoyo.co.uk/lh600

No.	Description	Range	Resolution	Accuracy	Data Output	List Price	Promotion Price
518-360-13	Linear Height LH-600, without power grip	0 - 977 mm (0 - 38")	0.0001/0.001/ 0.01/0.1 mm (.000001/.00001/.0001/.001")	$\pm(1.1+0.6L/600) \mu\text{m}^*$	Yes	£7,350.00	£6,430.00
518-361-13	Linear Height LH-600, with power grip	0 - 977 mm (0 - 38")	0.0001/0.001/ 0.01/0.1 mm (.000001/.00001/.0001/.001")	$\pm(1.1+0.6L/600) \mu\text{m}^*$	Yes	£7,710.00	£6,740.00

Note: Sets include power cord and stylus kit.
* L = length (mm)

DIGIMATIC S1 U-WAVE

MeasurLink ENABLED
Data Management Software by Mitutoyo



Premium OEM Calibration Service

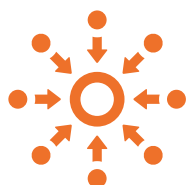
With over 30 years of continual service, Mitutoyo can provide a full range of services to meet this requirement at its environmentally controlled Calibration Laboratory in our Coventry Metrology Centre, which has full UKAS accreditation and is equipped to handle every conceivable dimensional measurement needs.



0332



Full UKAS Accreditation!



Available on a huge range of equipment!



Fast turnaround and delivery!



48hr calibration and delivery of selected products! *

*Also available through selected dealers.



Supporting the increasing demands of customers measurement requirements.

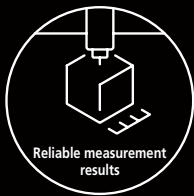
Already recognised as one of the finest facilities of its kind in Europe, our Calibration Laboratory is now equipped with the latest LEGEX Takumi CMM !



CRYSTA-Apex V PLUS CNC CMM

Opening the future of quality

The next generation of Mitutoyo's industry standard high-performance CNC Coordinate Measuring Machine that adapts to changing environments.

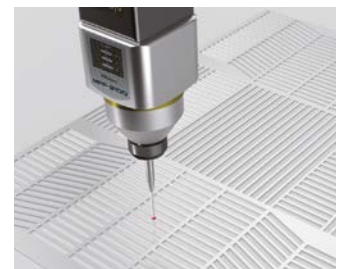


BOOK YOUR DEMO TODAY

www.mitutoyo.co.uk/crysta



- The CRYSTA-Apex V PLUS series reduces running costs with an expanded temperature range of guaranteed accuracy and air reduction function.
- An environmentally advanced CNC coordinate measuring machine that contributes to reducing CO₂ emissions.
- Reduces measurement times with 2D/3D high-speed contact surface scanning measurement along with excellent drive speed and acceleration.
- Measurement immediately after processing, without need for temperature acclimation.
- Stable repeatability through high-accuracy point measurement.
- Temperature compensation origin point setting function for more accurate temperature compensation.
- Non-stop scanning function for efficient scanning measurement.
- Excellent operability, easy and convenient for anyone to use.



MiCAT Planner CMM Software

The only way to save time and guarantee results !

Regardless of your measuring tasks, MiCAT Planner adds an abundance of benefits to your CAD-based programming.



Easy / Fast / Automatic / Reliable

- Simply load a CAD model and generate a CMM program with a single mouse-click.
- Automatic generation is enabled by the input of CAD, tolerance information and measurement environment.
- Cycle times are automatically optimised to produce the fastest measurement routine.
- User-defined rules enable automatic feature measurement.
- Eliminates potential for user error, misinterpretation of design intent, collisions.

CMM Accessories

eco-fix Pallet Receiver Kit S PRS

- Ensure you get the most out of CMM measurement with a Pallet Receiver Kit, comprising of the eco-fix system, base plate (250x250 mm) and loading receiver plate.



Pallet System Rack PRS

- Rack for four pallets.
- For the loading receiver pallet system.
- Made of aluminium, profiles.



No.	Description	List Price	Promotion Price
K551218	eco-fix Pallet Receiver Kit	£2,220.00	£1,940.00

No.	Description	List Price	Promotion Price
K551343	Pallet System Rack PRS	£1,740.00	£1,520.00

CRYSTA-KM 565 Manual CMM



Performance

Accuracy (18° to 22 °C, ISO 10360-2:2009):
With MH20i-TP20: $E_{0, MPE} = (3.2 + 5L/1000) \mu\text{m}$

Measuring range

X = 500 mm
Y = 600 mm
Z = 500 mm

Environment

Nominal temperature:	20 °C
Allowable temperature range:	18-22 °C temperature gradient: 0.5 °C/hour, 2 °C/day
Operating temperature:	15-35 °C
Relative humidity:	40-80 % (non-condensing)
Acceptable vibrations:	1-10 Hz: 30 mm/s ² 10-20 Hz: 15 mm/s ² 20-100 Hz: 50 mm/s ²

Supply requirements

Minimum air supply:	5 bar (72 PSI)
Air consumption:	90 NL/min (3 cfm)
Voltage:	230 V 50 Hz or 110 V 60 Hz
Max. power consumption:	10 A, 1200 W



The NEW Manual CMM from Mitutoyo

- Ultra-rigid alloy platform.
- Rapid thermal diffusion through the frame.
- FEM-optimized design ensures stiffness and acceleration.
- One-piece granite base with M8 threaded inserts.
- Rigid air bearings.
- Pneumatic Z-axis counterbalance.
- 0.1 µm resolution scales with dynamic signal processing.
- Friction reducers with near-zero hysteresis.
- Passive vibration damping.



Set includes:

196-940MEU	CRYSTA-KM565 manual CMM	XYZ range 500 x 600 x 500 mm
A-4099-0109	CMM probe, measuring head MH20i	Manually indexable
06ABM944C	Masterball ø20 mm	With certificate
06AFJ091	Masterball cover	-
63TAA490	MCOSMOS-1 manual V5	Geometric measurement for manual
63AAA170	CodeMeter USB dongle, standard format	Activation fee included
K551406	Base plate for CRYSTA-KM 565	630 x 500 x 10 mm
K551153	eco-fix adaptor for Masterball	M6/M8

E-Learning

- Our new e-learning for the manual CMM will be launching soon, making learning more flexible and accessible than ever. Available in multiple European languages, it allows users across regions to benefit from the same high-quality training experience. For group learning, we also offer comprehensive classroom packages that combine one teacher license with 20 student licenses in a single, cost-effective bundle.



QM-Fit Smart Vision System

Simply place workpieces on the measuring stage for instant measurement.

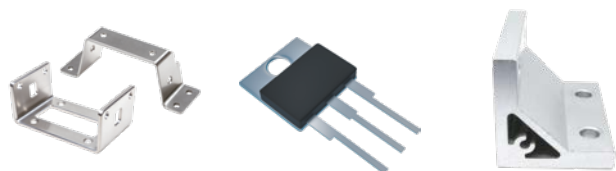
Measuring becomes even easier.

Improved efficiency in measuring thin and small objects.

Superior element recognition capabilities provide smart dimension measurement.

With a touchscreen, this system allows anyone to perform easy and reliable measurement.

This is a vision measuring system developed from the expertise of numerous customers to make it ideal for the worksite.



Thin and small workpieces can be measured instantly, simply by placing them on the measuring stage.

Machine

- High-resolution image.
- 20 mp camera.
- Traceability.
- Measuring range: 115x75 mm.
- Measuring depth: 36 mm.

Software

- Simple part program creation.
- Automatic batch detection of multiple elements.
- Mark the features on the touchscreen.
- Automatic axis alignment.
- Pass/fail judgement.



QM-Fit

SMART VISION SYSTEM - Compact Vision Measuring Machine



SMART

ACCESSIBLE

COMPACT



PJ-PLUS Profile Projector

Vertical type **Measuring Projector** for measurement, inspection, and observation of small sized workpieces.

- Energy saving long life LED units for contour and surface illumination.
- Fanless cooling system avoids dust in the device housing and ensures higher durability.
- Large 315 mm protractor screen providing bright and clear images.
- Built-in digital counters with large sized displays for screen angle, stage x- and y-axis.
- 10X objective lens provided as standard.
- Measuring stage 100 x 100 mm or 200 x 100 mm.
- Optional: Easy to use M2 data processing software.



No.	Description	XY Range	Resolution	List Price	Promotion Price
302-801-10	PJ-P1010A Profile Projector	100 x 100 mm	0.001 mm or .0001"/0.001 mm	£9,470.00	£8,280.00
302-802-10	PJ-P2010A Profile Projector	200 x 100 mm	0.001 mm or .0001"/0.001 mm	£11,660.00	£10,200.00

MeasurLink ENABLED
Data Management Software by Mitutoyo

Energy efficient, even in harsh environments

The PJ-Plus offers intuitive operation even by inexperienced users and has excellent durability and energy-saving performance, thanks to the LED illumination and its fanless cooling system.

It provides stable dimensional and angle measurements even in harsh production environments.



PV-5110 Profile Projector

Inverted type **Measuring Projector** with large protractor screen.

- Large 508 mm protractor screen with digital angle counter.
- Inverted optical system reduces necessity of refocussing between part change.
- Measuring stage 200 x 100 mm, with single hand quick release mechanisms on both axes.
- Built-In digital counter displaying the rotation angle of the protractor screen.
- Floor mounted design (no need for additional stand).
- 10X objective lens provided as standard.
- Optional easy to use M2 data processing software.

MeasurLink ENABLED
Data Management Software by Mitutoyo



No.	Description	XY Range	Resolution	List Price	Promotion Price
304-919-12	PV-5110 Profile Projector	200 x 100 mm	0.001 mm	£17,080.00	£14,940.00

Sign up to our eNewsletter and you could **WIN** an exclusive Metrology Pack!



Every month we're giving away an exclusive Metrology Pack to one lucky subscriber! *



Scan here for further information or visit www.mitutoyo.co.uk/newsletter

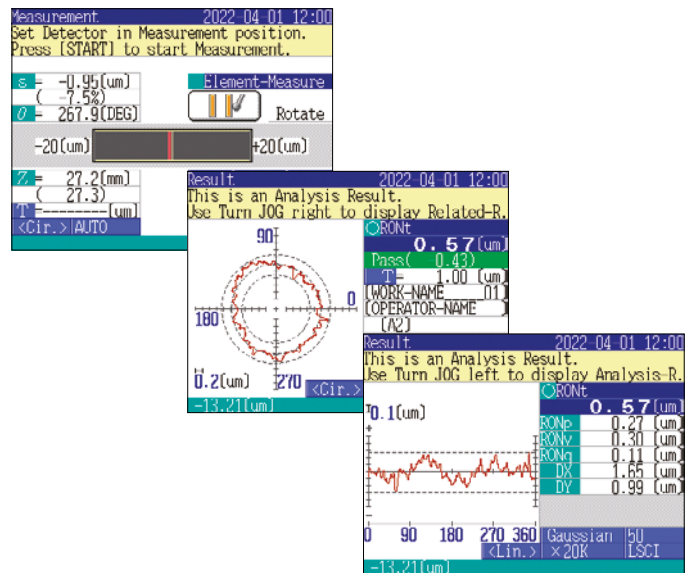
* Giveaway available to UK subscribers only. For full terms and conditions visit our website.



Roundtest RA-120

Compact, affordable, and simple-to-use device for the shop floor.

- Provided with a $\pm 1000 \mu\text{m}$ wide range detector.
- Best-in-class rotational accuracy.
- Easy-to-understand operation panel with large LCD.
- D.A.T. function that powerfully supports centering and levelling adjustments.
- Fine adjustment on both X- and Z-axes.
- Multiple analyses through simple operation.
- Continuous ID and OD measurement.
- High-precision air bearing.
- Built-in printer.



No.	Description	Rotational Accuracy	Max. Probing Diameter	Max. Workpiece Diameter	Max. Turntable Loading	List Price	Promotion Price
211-544E	Roundtest RA-120	(0.04+0.0006H) μm	280 mm	440 mm	25 kg	£14,950.00	£10,000.00

MeasurLink ENABLED
Data Management Software by Mitutoyo

HH-V400 Portable Leeb Hardness Tester

Instantly test hardness anywhere, anytime.

For hardness testing of all metals, including large structures.



The HH-V400 is a rebound-type hardness tester for metals. Hardness is determined from the ratio of the impact hammer's rebound velocity to its impact velocity.

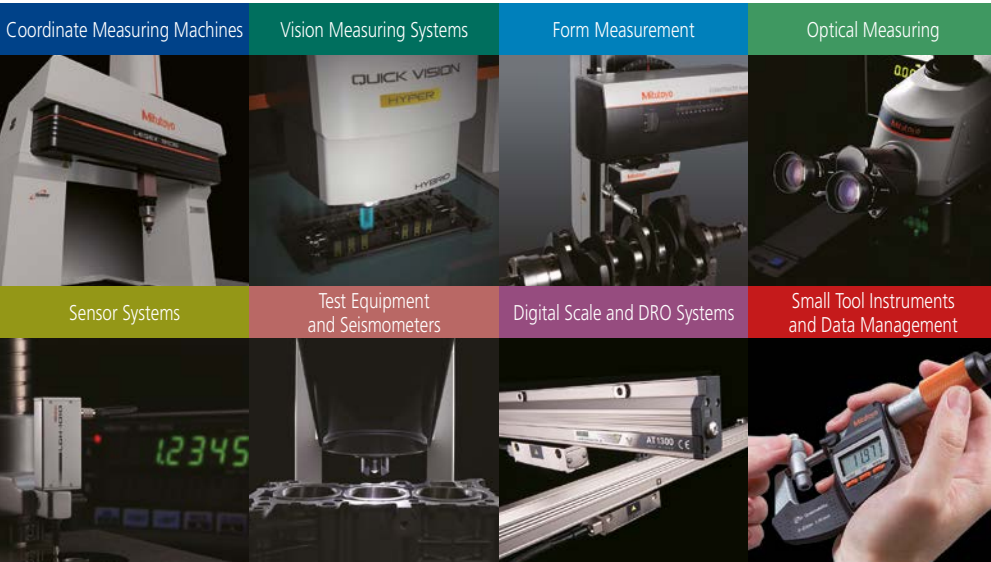
- Portable, one-click device.
- Wide range of test targets.
- Selectable hardness scale.
- Language-independent screen design.
- Display multiple results, average, and statistics.
- Convert test results to other hardness scales (e.g., Rockwell, Vickers and Brinell).

No.	Description	Data Output	List Price	Promotion Price
810-306	HH-V400 Portable Hardness Tester	Yes	£2,730.00	£2,380.00



Optional accessory for HH-V400

No.	Description	List Price	Promotion Price
11AAD240	Reference material 800HLD	£260.00	£220.00



Whatever the challenge, Mitutoyo supports you from start to finish.

Mitutoyo is not only a manufacturer of top-quality measuring products but one that also offers qualified support for the lifetime of the equipment, backed up by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test and deliver bespoke measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.

Note: All information regarding our products, and in particular the illustrations, drawings, dimensional and performance data contained in this printed matter as well as other technical data are to be regarded as approximate average values. We therefore reserve the right to make changes to the corresponding designs, dimensions and weights. The stated standards, similar technical regulations, descriptions and illustrations of the products were valid at the time of printing. In addition, the latest applicable version of our General Trading Conditions will apply. Only quotations submitted by ourselves may be regarded as definitive.

Mitutoyo

Mitutoyo (UK) Ltd

West Point Business Park, Joule Road
Andover, Hampshire SP10 3UX

T +44 (0)1264 353123
enquiries@mitutoyo.co.uk
www.mitutoyo.co.uk