

PRECISION IS OUR PROFESSION

Quick Image with M3 ▼

Optics

- > **Fast, Accurate Measurements:** Combines advanced optics with M3 software for precise vision inspections.
- > **User-Friendly Interface:** Intuitive, icon-driven controls simplify operation and reduce training time.
- > **Advanced Edge Detection:** Ensures reliable measurements, even on intricate or low-contrast components.
- > **Digital Documentation:** Easily captures, stores, and shares measurement results for efficient workflows.
- > **Compact Design:** Space-saving system fits seamlessly into inspection areas.



HR-530 ▼

Major Instrument

- > **Rockwell & Rockwell Superficial Testing:** Supports both testing types, ideal for various materials and applications.
- > **High Accuracy:** Ensures precise, reliable hardness measurements for small or delicate components.



- > **User-Friendly:** Intuitive touchscreen simplifies operation, reducing training and improving efficiency.
- > **Compact Design:** Space-saving size integrates easily into testing areas without compromising performance.
- > **Automation & Data Storage:** Automated cycles boost efficiency, while built-in storage simplifies documentation and analysis.

LH-600F ▶

Major Instrument

- > **High Precision:** Delivers accuracy up to 0.1 μm for precise height and dimensional measurements.
- > **Versatile Probing:** Compatible with touch-trigger and scanning probes for a wide range of applications.
- > **User-Friendly Interface:** Intuitive touchscreen simplifies operation and boosts productivity.
- > **Data Management:** Seamlessly integrates with Mitutoyo software for efficient data collection and analysis.
- > **Durable Design:** Rugged construction ensures stability and long-term reliability.
- > **Enhanced Efficiency:** Automates repetitive tasks to reduce operator workload.



SJ-410 ▲

Form Measurement

- > Large touch screen color display showing calculated results and assessed profiles.
- > Built-in high-speed thermal printer can print a BAC/ADC curve as well as results and profiles.
- > Advanced analysis functionality also capable of minute contour measurements.
- > Wide range of optional styli to access challenging and complex features.
- > Skidless and skidded measurement capable with detachable nosepiece

MiSTAR 555 ▼

Shop Floor CNC CMM

- > Powerful, compact CNC Coordinate Measuring Machine System
- > Environmentally resistant Mitutoyo scales and advanced temperature compensation provide best-in-class shop floor accuracy
- > Single support moving bridge provides three-sided open architecture for better versatility and throughput
- > Doesn't require compressed air to operate; plugs into conventional 110V wall outlet
- > Included PC with Advanced Evaluation Software (MCOSMOS)
- > Equipped with Fixed Head TP-200 Probing System Power Conditioner to maintain clean electricity



LSM 6902H & Workstage ▲

Major Instruments

- > Best-in-Class Repeatability, down to $\pm 0.03\mu\text{m}$ (± 1.2 pinch).
- > Excellent linearity provides accuracy of $\pm 0.5\mu\text{m}$ over the entire measuring range.
- > Measurement modes include standby, single measurement and continuous measurement for added versatility.
- > Multiple communications methods for data transmission.
- > Workstage provides precise adjustment of work piece.

PH-3515F ▶

Optics

- > **Heavy-duty Precision:** A high-performance horizontal profile projector, efficiently engineered for the precise inspection of parts which may require a large working envelope.
- > **Built-In Oblique Surface Illumination:** The PH-3515F comes with 2 Twin Fiber Optics which allows operators to concentrate lighting on the surface of their workpiece
- > **Flexible Magnification:** Interchangeable lenses provide magnification options ranging from 10x to 100x, offering adaptability for a broad range of applications.
- > **Robust Construction:** Built to withstand the demands of high-precision environments, delivering consistent, reliable performance.
- > **Enhanced Measurement Capability:** While the system is designed for accurate part inspection, the Digital Readout (DRO) is available separately to further elevate measurement precision.
- > **DRO Compatibility:** KA, QM-Data 200, M2



Gage Block Set ▼

Small Tool Instruments

- > The most trusted gage blocks in the world due to their accuracy, quality, and durability.
- > Our high-carbon, high-chrome steel gage blocks are methodically and repeatedly heat treated and cryogenically treated which reduces deterioration over time and ensures high hardness.
- > Mitutoyo ensures the traceability of all of our gage blocks and guarantees their accuracy so you can be confident you're using the best.
- > Our advanced lapping technique, developed over half a century, enables us to achieve the optimum flatness and surface finish and allows for easy wringing.
- > Housed in a quality wood box with labelled slots.





**4x Faster
1µm Accuracy**

DIGIMATIC S1 IP65

| Order No. | Description | List |
|------------|--|----------|
| 293-180-40 | QUANTUMIKE MICROMETER, DIGIMATIC, 0-1", IP65, .00005", W/SPC | \$325.00 |
| 293-181-40 | QUANTUMIKE MICROMETER, DIGIMATIC, 1-2", IP65, .00005", W/SPC | \$372.00 |
| 293-182-40 | QUANTUMIKE MICROMETER, DIGIMATIC, 2-3", IP65, .00005", W/SPC | \$443.00 |
| 293-183-40 | QUANTUMIKE MICROMETER, DIGIMATIC, 3-4", IP65, .00005", W/SPC | \$477.00 |



500-171-30



293-330-30



COOLANT PROOF™

| Order No. | Range | Remarks | List |
|------------------------------|----------------|-----------------------|------------|
| No SPC Output Style | | | |
| 500-195-30 | 0-4"/0-100mm | .075" Round Depth Bar | \$170.00 |
| 500-196-30 | 0-6"/0-150mm | | \$184.00 |
| 500-197-30 | 0-8"/0-200mm | | \$265.00 |
| 500-193-30 | 0-12"/0-300mm | | \$532.00 |
| With SPC Output Style | | | |
| 500-170-30 | 0-4"/0-100mm | .075" Round Depth Bar | \$203.00 |
| 500-171-30 | 0-6"/0-150mm | | \$215.00 |
| 500-172-30 | 0-8"/0-200mm | | \$284.00 |
| 500-173-30 | 0-12"/0-300mm | | \$621.00 |
| 500-505-10 | 0-18"/0-450mm | Without Thumb Roller | \$967.00 |
| 500-506-10 | 0-24"/0-600mm | Without Thumb Roller | \$1,060.00 |
| 500-507-10 | 0-40"/0-1000mm | Without Thumb Roller | \$2,050.00 |

| Order No. | Range | Resolution | Remarks | List |
|-------------|------------------|-----------------|---------------------------------|----------|
| 293-330-30* | 0-1"/0-25.4mm | .00005"/0.001mm | Ratchet Stop | \$283.00 |
| 293-340-30 | 0-1"/0-25.4mm | .00005"/0.001mm | Ratchet Stop | \$260.00 |
| 293-344-30 | 0-1"/0-25.4mm | .00005"/0.001mm | Ratchet Thimble | \$260.00 |
| 293-348-30 | 0-1"/0-25.4mm | .00005"/0.001mm | Friction Thimble | \$260.00 |
| 293-349-30 | 0-1"/0-25.4mm | .0001"/0.001mm | Ratchet Thimble, Tenths Reading | \$260.00 |
| 293-331-30* | 1-2"/25.4-50.8mm | .00005"/0.001mm | Ratchet Stop w/Standard | \$333.00 |
| 293-341-30 | 1-2"/25.4-50.8mm | .00005"/0.001mm | Ratchet Stop w/Standard | \$286.00 |
| 293-345-30 | 1-2"/25.4-50.8mm | .00005"/0.001mm | Ratchet Thimble w/Standard | \$286.00 |
| 293-334-30* | 0-1"/0-25.4mm | .00005"/0.001mm | Ratchet Thimble | \$304.00 |
| 293-335-30* | 0-1"/0-25.4mm | .00005"/0.001mm | Friction Thimble | \$283.00 |

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