

Metrology Lab Package

A Comprehensive Metrology Lab Package Only Mitutoyo Can Provide

LIMITED TIME OFFER



Along with offering one of the most comprehensive selection of precision metrology instruments, equipment, and services, Mitutoyo delivers one other especially important item: VALUE.

The Mitutoyo Lab Package delivers a fully functioning metrology lab for under \$150,000. All of the products contained in this brochure will give you 3-D coordinate measuring, surface finish, contour, optical, height, and hardness measurement capabilities that you can trust. Ask a Mitutoyo Sales Representative how this Metrology Lab Package can be tailored to expand your capabilities and open a world of possibilities at a terrific value.*

*Variations of this package are available depending on your needs.

COMPLETE MITUTOYO LAB PACKAGE FOR UNDER \$150,000



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

LH-600F ▶
Linear Height Gage

- › Best-in-class rated accuracy for a wide range of measurements
- › Built for ease of use and suitable for beginners
- › New, larger color touchscreen rotates and swivels for easier access
- › New self-check feature can detect dirt or oil on the encoder to ensure the instrument is ready to measure accurately
- › FG models include the power grip for air-based effortless movement across the reference granite plate
- › Rechargeable battery



SJ-411 ◀
Surface Roughness Gage

- › Portable Skidless System for Advanced surface finish evaluation
- › Touch Based Processor Based System with built in printer
- › Column Stand for precision adjustments and enhanced gage stability
- › Full spectrum of available Roughness Parameters



Granite Surface Plate ▲

- › Mitutoyo granite plates are incredibly flat and stable with surface lapping within 5 microns over the entire surface area on some grades
- › Constructed of natural fine-grain granite seasoned for thousands of years
- › Granite plates are free from burrs, protrusions, rust, and wringing
- › Ideal for use as a horizontal reference space in dimensional measurements
- › Our granite plates are often found in calibration laboratories because of their quality and reliability
- › Available in different sizes and grades

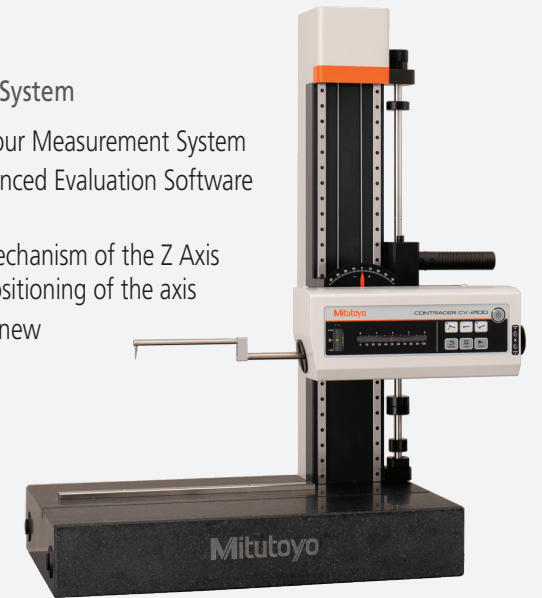
PH-3515F ▶
Profile Projector

- › Provides upright images suitable for thread pitch measurements
- › Images appear clear, not blurred or distorted, when the workpiece is angled
- › Digital protractor displays in ABSOLUTE or incremental units for angle measurements
- › Fiber optic cables provide surface illumination for better, more natural workpiece visibility
- › Floating work stage moves with precision for better accuracy and can handle workloads up to 100 pounds
- › 2D measurement processing is available through the use of the QM data or M2 software



CV-2100 ▶
Contour Measurement System

- › Semi-Automated Contour Measurement System
- › Included PC with Advanced Evaluation Software (FormTracePak)
- › Unique rapid unlock mechanism of the Z Axis facilitates ultra quick positioning of the axis
- › Incorporate Mitutoyo's new "arc scale" technology



RA-120 ▼
Roundness Measurement System

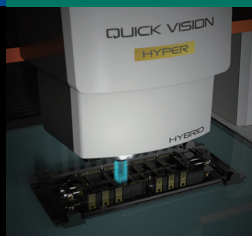
- › Semi-Automated Roundness Measurement System
- › ID and OD Measurement
- › Centering and leveling adjustment capabilities
- › Fine Adjustment
- › Embedded Processor for easy on machine evaluation
- › Built-in Printer
- › A three-jaw centering chuck is included for efficient part placement and repeat measurements



Coordinate Measuring Machines



Vision Measuring Systems



Form Measurement



Optical Measuring



Sensor Systems



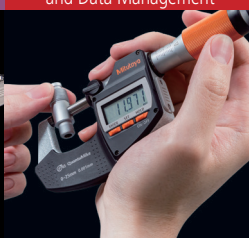
Test Equipment



Digital Scale and DRO Systems



Small Tool Instruments and Data Management



Whatever your challenges are, 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 measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.

My.Mitutoyo

Mitutoyo End User Portal

Search for products, request a product quote, take online metrology courses, and much more.

My.Mitutoyo.com puts everything Mitutoyo directly in front of you.



Find additional product literature and our product catalog

www.mitutoyo.com

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