

Mitutoyo

Mitutoyo Quality

CNC CMM TRADE-IN TRADE-UP PROGRAM

LIMITED TIME OFFER

CMM TRADE-IN PROGRAM



Bulletin No. 2213(4)



Since 1968, Mitutoyo Corporation has been manufacturing coordinate measuring machines (CMMs). The AE100 series manual CMM was the first CMM to be featured in our U.S. catalog in 1976. Throughout the years, we have built tens of thousands of CMMs to serve a variety of industries around the globe. [VIEW VIDEO](#)



Due to the success here in North America, some of our CMMs have been in operation for more than 30 years. We are proud of our high quality and product performance, however, we are equally proud of our continued development and advancements in CMM technology. Based on our dedication to accuracy, reliability, speed and enhanced sensor technology, we believe now is the time to upgrade to take advantage of these benefits.



To help the thousands of operators using Mitutoyo legacy CMMs, we are pleased to continue our highly successful U.S.-based trade-in program. When you trade in your old CMM and purchase a new Mitutoyo CNC CMM, you will receive the latest technology, ensuring reliable uptime, lower maintenance costs, improved accuracies, faster machine speeds and the latest digital technologies.

How the program works:

We want to see your old CMM. Contact your local Mitutoyo America sales representative or your local Mitutoyo CMM distributor to discuss your new machine needs. Upon evaluation of your needs, we will assess your current machine for trade in. Many considerations go into preparing a trade offer:

- ✓ Machine model and size
- ✓ Current version of Mitutoyo software. Some older software is transferrable. If this applies, we will transfer your license and upgrade you to the latest version of MCOSMOS at no charge—saving thousands of dollars on your new purchase.
- ✓ Your old machine location and the new machine installation location. We will remove and ship your existing machine at no charge as long as it is at the same site.

Points to consider when trading in:

- ✓ Most new CRYSTA series CMMs purchased in 2023 are eligible for extended warranties.
- ✓ New sensor technology will improve your measurements and overall throughput.
- ✓ CAD-based programming software, such as MiCAT Planner and CAT1000 greatly reduces programming time.
- ✓ Discuss with your distributor or Mitutoyo representative which of your accessories can be used on your new machine.
- ✓ Get a fresh start with all-new machine power conditioner, air dryer, wiring, styli and fixturing.
- ✓ By replacing your current CMM with a new Mitutoyo CMM, you will realize significant overall cost savings.

Are you ready to get started? Contact your local Mitutoyo representative or local Mitutoyo CMM distributor today.

Eligible CNC trade-in models:

- ✓ Crysta-Apex C series
- ✓ Crysta-Apex S series
- ✓ BN/BHN 300/500/700
- ✓ BN/BHN 1000 series and larger
- ✓ Bright/Bright-Apex 500/700/900
- ✓ Bright/Bright-Apex 1200 and larger
- ✓ CHN 1200/1600/2000
- ✓ KN 800
- ✓ Non-Mitutoyo up to 900x900 (XY)
- ✓ Non-Mitutoyo larger than 1000x1000 (XY)



CMM Line-up

Mitutoyo offers a comprehensive line-up of CMM systems, probing systems and powerful software.



MiSTAR 555
Shop floor CMM



Crysta-Apex-S
High-Performance CNC CMM



STRATO-Apex
High-Accuracy CNC CMM
Moving bridge-type



Legex
Ultra High-Accuracy CNC CMM
Fixed-bridge type



MACH Ko-ga-me
Agile Measuring System



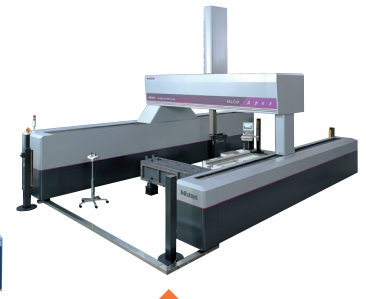
MACH-3A
In-line Horizontal Arm
CMM



MACH-V9106
In-line Type CNC CMM
Pre/Post Machining Feedback



CARBstrato/CARBapex
Horizontal Arm
Measuring Systems



FALCIO-Apex
High-Accuracy Large CNC CMM

CMM Model Specifications:

Mode	Measuring Range (X,Y,Z)		Accuracy (Up To)
	Starting From	Up To	
MiSTAR 555	570x500x500	570x500x500	(2.2+3.0L/1000)µm
CRYSTA-Apex S	500x400x400	2000x5000x1600	(1.7+3L/1000)µm
STRATO-Apex	700x700x600	1600x3000x1600	(0.7+2.5L/1000)µm
LEGEX	500x700x450	1200x1200x800	(0.28+L/1000)µm
MACH Ko-ga-me	80x80x40	120x120x80	(2.0+5L/1000)µm
MACH-3A	600x500x280	900x1000x600	(2.2+3.5L/1000)µm
MACH-V	600x500x280	900x1000x600	(2.5+3.5L/1000)µm
CARBstrato/CARBapex	6000x1600x2400	8000x3100x3000	15+20L/1000≤70µm (single Y)
FALCIO-Apex	2000x3000x1500	3000x5000x1500	(3.5+4L/1000)µm

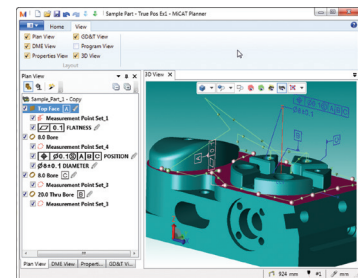
Sensor Technology Supported

 10MQ+TP20	 10MQ+TP200	 10MQ+SP25M	 MPP310Q	 SP80
 PH20	 REVO	 QVP	 SurfaceMeasure 1110	 Surftest Probe

Software

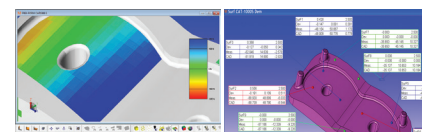
MiCAT Planner

Automatic measurement program generation software that uses 3D CAD with Product & Manufacturing Information (PMI) to enable one-click automated generation of measurement programs. With this program, a complex program that previously would have taken hours to complete manually now can be completed in 15 minutes.



MCOSMOS

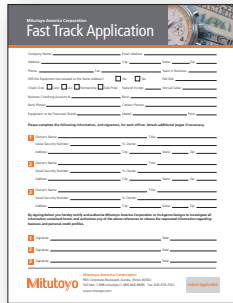
MCOSMOS has three customized choices of module configuration. From the basic MCOSMOS-1 to the advanced MCOSMOS-3, choose a configuration for your measurement applications.



Financing Available

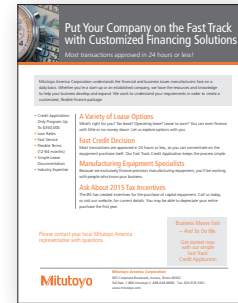
Mitutoyo America Corporation offers quick and simplified financing for purchasing measuring equipment. Financing is available for equipment purchases over \$20,000. Most transactions approved in 24 hours or less. Contact your local Mitutoyo Sales Representative for more information.

- ✓ Credit Application Only Program Up to \$350,000
- ✓ Low Rates
- ✓ Fast Service
- ✓ Flexible Terms (12-84 months)
- ✓ Simple Lease Documentation
- ✓ Variety of Lease Options



Offer financing on:

- ✓ Coordinate Measuring Machines
- ✓ Vision Measuring Systems
- ✓ Form Measuring Equipment
- ✓ Optical Measuring Equipment
- ✓ Automated Measuring Solutions
- ✓ Precision Measuring Instruments



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 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.

Mitutoyo



Find additional product literature and our product catalog

www.mitutoyo.com

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. 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. Specifications are subject to change without notice.

Mitutoyo products are subject to US Export Administration Regulations (EAR). Re-export or relocation of our products may require prior approval by an appropriate governing authority.

Trademarks and Registrations

Designations used by companies to distinguish their products are often claimed as trademarks. In all instances where Mitutoyo America Corporation is aware of a claim, the product names appear in initial capital or all capital letters. The appropriate companies should be contacted for more complete trademark and registration information.

Mitutoyo America Corporation
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 One Number to Serve You Better
 1-888-MITUTOYO (1-888-648-8869)

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 Huntersville, North Carolina
 Mason, Ohio
 Plymouth, Michigan
 City of Industry, California
 Renton, Washington
 Houston, Texas