

# Mitutoyo



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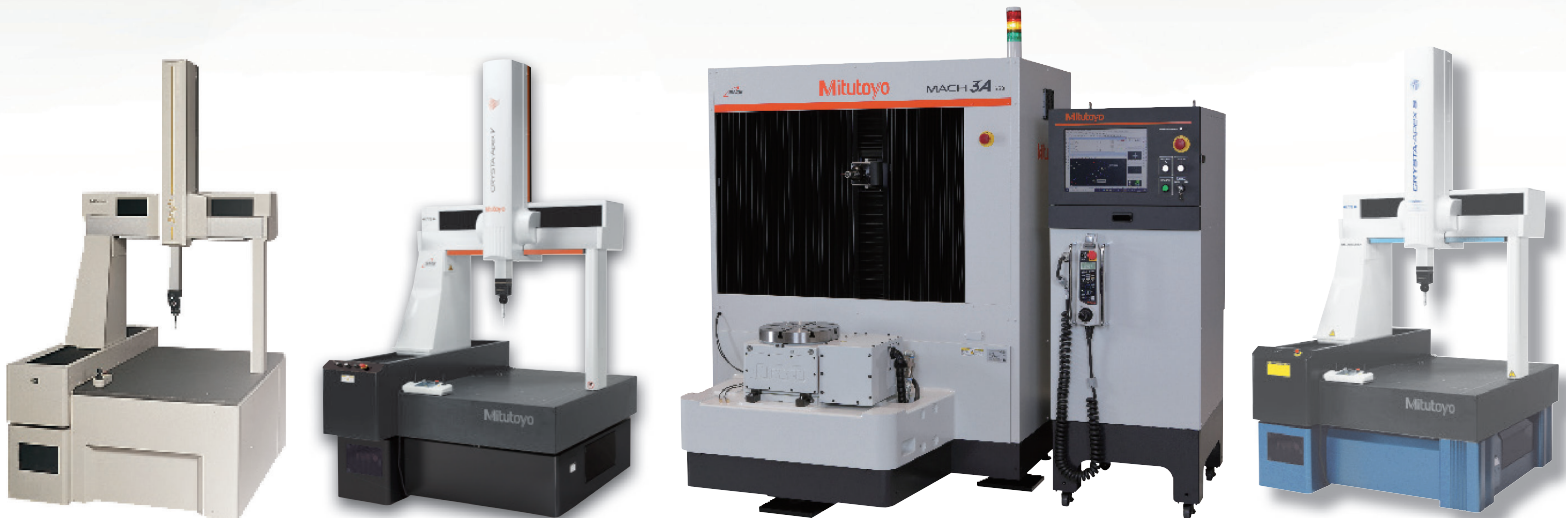
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Mitutoyo Quality

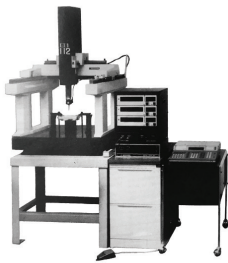
## CNC CMM TRADE-IN TRADE-UP PROGRAM

**LIMITED TIME OFFER**

CMM TRADE-IN PROGRAM



As of July 2023



\*AE100

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 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 Canadian-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 Canada sales representative 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:

- 4 Machine model and size
- 4 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.

## Points to consider when trading in:

- 4 Most new CRYSTA series CMMs purchased in 2023 are eligible for extended warranties.
- 4 New sensor technology will improve your measurements and overall throughput.
- 4 CAD-based programming software, such as MiCAT Planner and CAT1000 greatly reduces programming time.
- 4 Discuss with your local Mitutoyo representative which of your accessories can be used on your new machine.
- 4 Get a fresh start with all-new machine power conditioner, air dryer, wiring, styli and fixturing.
- 4 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.



## Eligible CNC trade-in models:

- 4 Crysta-Apex C series
- 4 Crysta-Apex S series
- 4 BN/BHN 300/500/700
- 4 BN/BHN 1000 series and larger
- 4 Bright/Bright-Apex 500/700/900
- 4 Bright/Bright-Apex 1200 and larger
- 4 CHN 1200/1600/2000
- 4 KN 800
- 4 Non-Mitutoyo up to 900x900 (XY)
- 4 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-V  
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 V	500x400x400	2000x5000x1600	(1.7+3L/1000)µm
STRATO-Apex	500x700x400	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	900x1000x600	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



PH20



10MQ+TP200



REVO



10MQ+SP25M



QVP



MPP310Q



SurfaceMeasure 1110



SP80



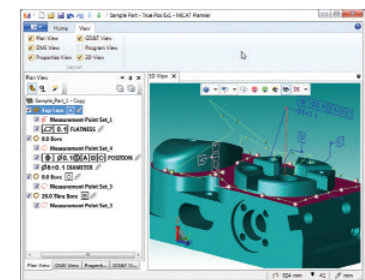
Surftest Probe



## Software

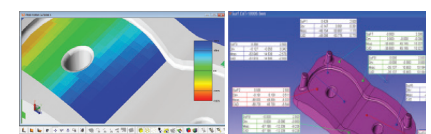
### MiCAT Planner

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.



### New! MCOSMOS V5

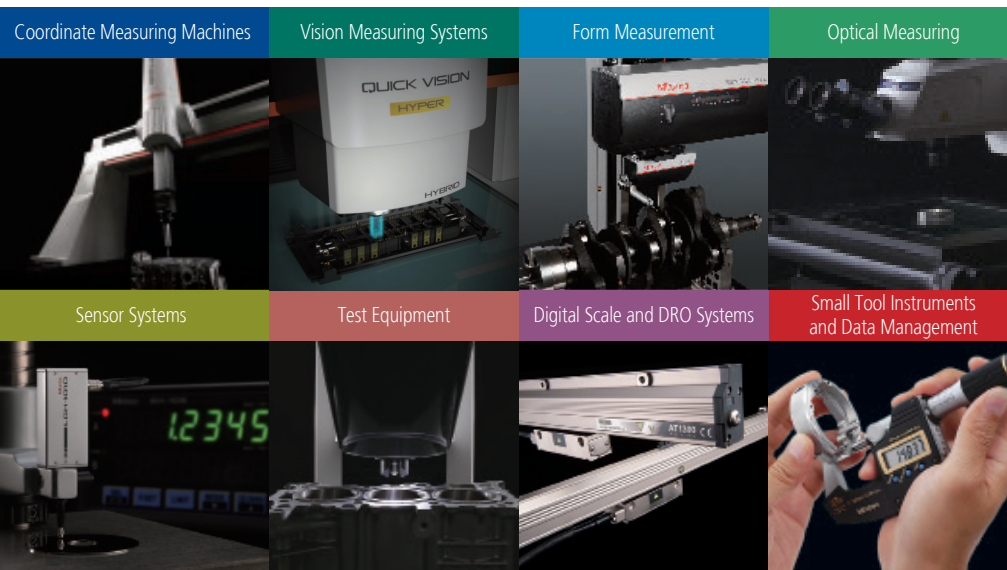
MCOSMOS has three customized choices of module configuration. From the basic MCOSMOS-1 to the advanced MCOSMOS-3, choose a configuration for your measurement applications.



## Mitutoyo Canada Support

We know the importance of precision is high. That's why we produce the industry's broadest line of metrology instruments — but we don't stop there. Our precision metrology services include installation, repair, training, education and more, so you can achieve greater productivity both today and tomorrow.

The precision calibration services from our NRC CLAS accredited calibration lab (SCC Certificate 503), and field service technicians help ensure your metrology instruments are as precise as possible. Alongside our expert repair solutions offered by our highly experienced technicians, Mitutoyo has the resources to help protect your investment in measuring instruments and improve operational reliability. When you rely on our experienced technicians to install our advanced metrology solutions, reliability and performance are assured. Our technicians are available nationwide to install and calibrate products. Have a complex prototype part? Looking for a more accurate measurement? Need an accredited third-party to sort out a dispute? Utilize our highly skilled metrology specialists, available to tackle your contract inspection needs. Looking to obtain the software and product training you need in your everyday work environment. Our M3 Solution Center Software Instructors provide one-on-one, classroom-style and on-site training, so you can make the most of our software solutions.



**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.



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Request formal quotation for complete details.

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