



Mitutoyo



**UPGRADE NOW  
AND SAVE  
UP TO 25%!**



**HIGH-PERFORMANCE CNC-CMM  
REPLACEMENT PROGRAM**

VALID THROUGH MARCH 31, 2017

HIGH-PERFORMANCE CNC-CMM  
REPLACEMENT PROGRAM

## Modernise your quality control: Trade your current coordinate measuring machine for the ultra-modern Mitutoyo CRYSTA-Apex S CNC-CMM series

### Mitutoyo CNC-CMM Replacement Program

We would like to thank you for choosing a Mitutoyo Coordinate Measuring Machine and hope you're pleased with the long and reliable service your BN, BHN, Euro-C, Euro-C Apex or CRYSTA-Apex first generation series has provided over the years. However, all good things come to an end and so it is with these exceptionally durable CMMs, which have finally reached the age where spares support has now ceased or is about to become unavailable.



### Our offer for you:

We understand very well how this will be of concern to you in terms of maintaining your quality control capability, and so would like to make you an attractive offer to upgrade your CMM to the latest CRYSTA-Apex S 500/700/900 Series model. To keep the cost to the absolute minimum this offer is for the frame and controller only. All existing peripherals – the Renishaw Probe, the PC, the printer and the MCOSMOS software – will be transferred from the current machine to the new\*.

This offer will provide you with the latest inspection technology and secure high-performance measurement capability for the future. For full details please contact Mitutoyo. A CMM specialist will explain all options in depth.

### The CRYSTA-Apex S

All Mitutoyo's experience in CMM technology is incorporated in this cost effective, affordable, CNC Coordinate Measuring Machine. Lightweight materials and an innovative moving-bridge design provide high motion stability for high scanning speed and accuracy. Temperature compensation yields accurate measurements even under shop floor conditions using advanced contact/non-contact multi-probing system capability as required.

\* Should you wish to replace the existing peripherals at the same time, these can also be supplied at a discounted price with the new frame.

### 500 Series



CRYSTA-Apex S 544

### 700 Series



CRYSTA-Apex S 776

### 900 Series



CRYSTA-Apex S 9106

Take advantage of this CRYSTA-Apex S offer:

- > Guaranteed technical and parts support for the foreseeable future
- > Latest CNC contact technology with USB interface
- > Increased productivity by measuring parts two to three times faster
- > High scanning performance
- > Thermal compensation technology (16°C to 26°C) for higher accuracy measurements
- > Use of the latest CAD measurement software to improve ease of use and increase part-programming efficiency
- > Significantly improved measuring accuracy compared to your current machine
- > Potential for productivity gains offered by new multi sensor technology:

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	Model	Speed	Accuracy from
<b>NEW</b>	CRYSTA-Apex S 500-900	519 mm/s	$E_{O, MPE} = 1,7 + 3L/1000 \mu m$
<b>OLD</b>	BN 700	150 mm/s	$U3 = 5 + 6L/1000 \mu m$
	BHN	260 mm/s	$U3 = 4,5 + 5,5L/1000 \mu m$
	EURO-C	433 mm/s	$U3 = 3 + 4L/1000 \mu m$
	EURO-C Apex 500-700/ EURO-C Apex 900	433 mm/s	$U3 = 2,9 + 4L/1000 \mu m$ $U3 = 3,9 + 5L/1000 \mu m$
	CRYSTA-Plus 500 / CRYSTA-Apex 900/ CRYSTA-Apex 700	519 mm/s	$U3 = 2,9 + 4L/1000 \mu m$ $U3 = 2,5 + 4L/1000 \mu m$



Coordinate Measuring Machines



Vision Measuring Systems



Form Measurement



Optical Measuring



Sensor Systems

Test Equipment  
and Seismometers

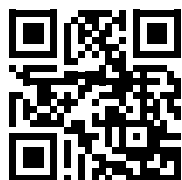
Digital Scale and DRO Systems

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



Find additional product literature  
and our product catalogue

[www.mitutoyo.eu](http://www.mitutoyo.eu)

**Note:** Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

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