

Transform your CMM
with a Renishaw retrofit

RENISHAW 
apply innovation™

RENISHAW® retrofit™ – Step by step guide

New functionality for your old CMM

Fast programming from CAD; access to difficult features, scanning and surface finish measurement as part of your inspection routine.

Gold standard service and support

Total system supplied and supported by Renishaw, including preventative maintenance, annual calibration, training and application support options.

Eliminate inspection bottlenecks

Renishaw's powerful MODUS™ metrology software, revolutionary 5-axis measurement technology and unique probe calibration multiply your inspection throughput.

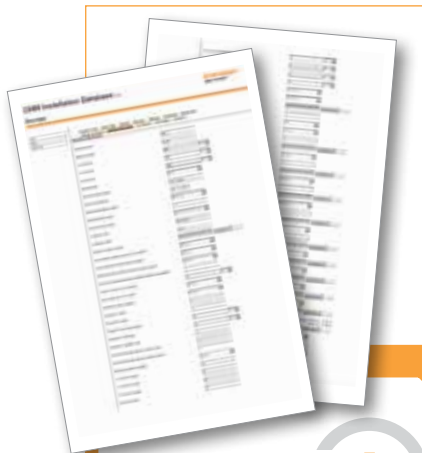


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Understanding your requirements

Increased throughput

- 5-axis measurement technology
- better control of functional fits
- simpler data analysis, increased consistency
- shorter lead times: faster programming and 'Production mode' operation for faster program execution
- open system allowing your choice of service provider
- reduced operating costs: lower manning levels, less human error
- freedom: use any I++ DME-compatible metrology software
- future proofed: flexibility to grow with your business



Step 1

Machine survey

The first step in a Renishaw retrofit is a rigorous machine survey designed to assess the condition of mechanical and electrical components of the CMM. Combined with Renishaw's extensive experience with all brands of CMMs, this enables Renishaw to commit to a defined level of system performance. You will know exactly what to expect from your upgraded CMM before you make any commitment.



Step 2

Quote

Utilising the CMM survey results, our quotation document details the specific products and services required in order to achieve the performance capability required by your business, as identified by the previous machine survey and customer requirement identification.

An estimate may have been issued previously for budgetary purposes.



Step 3

Scheduling

We understand that your CMM's availability is critical and therefore ensure that every item and task required for the retrofit is pre-scheduled in order to minimise the downtime and fit around your production demands.



Step 4
Installation

Step 5
Calibration

Renishaw is certified by both UKAS (to ISO 17025) and A2LA, giving customers confidence in the accuracy of their upgraded machine, which will be supplied with a UKAS calibration certificate to ISO 10360-2.



Step 6
Support

We provide maintenance and calibration solutions that can be tailored to match your requirements; as well as functionality to perform regular machine health checks with performance history analysis tools.

Our support website offers immediate access to support and remote diagnostics, the latest UCC and MODUS software downloads, and a knowledgebase that addresses frequently asked questions.

Contract support

To sustain your machine's performance, a range of maintenance contracts are available including services such as annual machine re-calibration and emergency cover. Renishaw's global network allows us to provide you with direct support, wherever you are located.

However, our system is open and the customer owns the system data files, which allows a free choice of service provider for ongoing system maintenance and support.

Renishaw retrofit service

A Renishaw retrofit gives users of all brands of CMM access to state-of-the-art technology, with the security of global service and support direct from the manufacturer.

Key features and benefits of our one-stop retrofit service include:

- Unparalleled choice of sensors
- Direct hardware and software support from Renishaw
- Rapid exchange service on all system elements
- UKAS-A2LA accredited calibration
- 5-axis technology



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