



Renishaw retrofit – step-by-step guide

A Renishaw retrofit can extend the life of your co-ordinate measuring machine (CMM) and future-proof your business with enhanced capabilities for a fraction of the cost of a new machine. Access our advanced CMM technology, worldwide service and support whatever the brand of your existing CMM.

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Eliminate inspection bottle necks

Older CMMs can become bottlenecks if they fail to keep pace with changing measurement needs.

New functionality for your old CMM

Renishaw advances in 5-axis measurement, MODUS™ software and UCC controller technology provide greater accuracy, faster measurement, more automation and new capabilities, whilst taking full advantage of CAD-driven programming.

Gold standard service and support

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

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. Renishaw's extensive experience with all brands of CMMs helps us define the level of system performance that you can expect from your upgraded CMM before you make a commitment.

Step 2

Quote

Utilising the CMM survey results, our quotation document details the specific products and services required to achieve the performance capability defined by the machine survey and customer requirements. 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 prescheduled to minimise downtime and fit around your production demands.

Understanding your requirements:

- Increased throughput and 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 operator levels, less human error
- Freedom: use any I++ DME compatible metrology software
- Future proofed: flexibility to grow with your business
- Worldwide support



Step 4



Installation



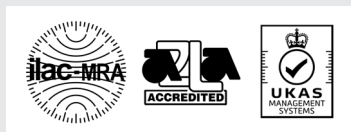
Our experienced engineers will work to update, install and program your retrofitted CMM to the standard previously specified.

Step 5



Calibration

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



Step 6

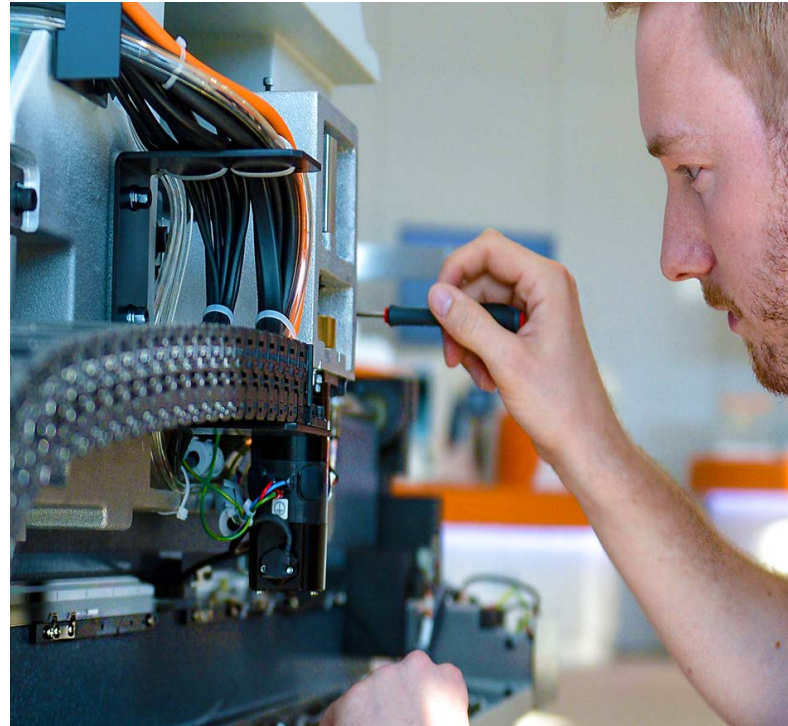


Support

Our maintenance and calibration solutions can be customised to meet your needs. We also offer machine health checks and performance history analysis tools. Our support website provides quick access to support, remote diagnostics, the latest UCC and MODUS software downloads, and a knowledgebase of technical information.

Contract support

We offer maintenance contracts for machine performance, including recalibration and emergency cover. Our global network provides direct support. However, customers own the system data files and can choose their service provider for ongoing maintenance and support.



Renishaw's retrofit service


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

www.renishaw.com/retrofit



#renishaw

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