



Machine tool probe calibration solutions

Achieving maximum accuracy from your probe

Accurate metrology is critical for making high-quality parts. The use of probing can improve your part processes, but any errors in the set-up of a probe can ripple through to the machined part.

Renishaw and MSP have introduced two products to guarantee your probe accuracy.

ACS-1

ACS-1 helps you to achieve maximum measurement accuracy on your machine tools by removing manual probe calibration steps. The lockable mechanism on ACS-1 overcomes the need for manual use of precision gauge blocks or slips, ensuring consistency and reliability.

AutoClock

AutoClock requires no human intervention and runs closed-door, 'lights out' operation. The patented technology in AutoClock makes probe set-up easy, safe, accurate, reliable and fast.





Renishaw ACS-1: Manual probe set-up system

ACS-1 is invaluable for any Renishaw probe calibration. You should select this option if:

- you want to remove the manual steps involved in using gauge blocks or slips to eliminate errors;
- there is no connection to the machine controller available;
- you require a cost-effective solution to improve an existing manual operating procedure; or
- you need quick set-up and training for immediate operation.

www.renishaw.com/acs



MSP AutoClock: Automated probe set-up system

AutoClock is essential to achieve the maximum probe accuracy and capability for a 'lights out' manufacturing environment, particularly for 5-axis machines, where probe set-up errors are multiplied. You should select this option if:

- your automated part processes require automated probe set-up and calibration to eliminate human intervention;
- traceability is important and reports for each calibration are needed;
- remote running and fast speed of operation are important; or
- closed-door operation is required to improve health and safety.

www.mspltd.com/autoclock

www.renishaw.com/acs



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