

AxiSet™ Check-Up

AxiSet™ Check-Up is a cost-effective solution for checking the alignment and positioning performance of rotary axis pivot points. Users of multi-axis and multi-tasking (mill-turn) machines can rapidly identify and report on poor machine alignment and geometry that can cause extended process setting times, as well as non-conforming parts.

Machine performance is reported graphically via the AxiSet Check-Up app and can be compared against user defined tolerances and historic data. The performance data can be printed in a standardised PDF report for benchmarking and reference purposes or exported as a .csv file for further analysis.



Features and benefits

- Discrete reporting of pivot point and lathe centre line error along linear axes
- Provide recommended correction values for machine optimisation
- Automatically update and compensate for rotary axis pivot point errors
- Increase confidence before critical features are machined
- Eliminate unplanned downtime, reduce scrap and increase profits
- Graphical performance analysis via the AxiSet Check-Up app
- Check, track and compare machine performance trends over time with PDF reporting and .csv file export functions

AxiSet™ Check-Up macro software	
Part number	Refer to H-2000-2298 for AxiSet Check-Up macro part numbers
Supported controllers	DMG-Mori, Doosan, Fanuc, Haas, Heidenhain, Hurco, Makino, Mazak, Meltas, Mori Seiki, Okuma, Siemens
Supported machine types	5-axis machining centres, multi-tasking machines, machines with indexers (3+2, 4+1), other machines with rotary axes e.g. horizontal machining centres
Supported languages	English
Prerequisites	
Macro software	Refer to H-2000-2298 for macro software prerequisites
Renishaw spindle probe	All current touch-trigger probes with RENGAGE™ technology are recommended
Hardware	AxiSet Check-Up hardware kit A-5642-5001 (a single calibration sphere conveniently mounted on a magnetic base, use as a reference feature for measurements)

AxiSet™ Check-Up app	
Part number	A-5642-3001 (includes perpetual licence)
AxiSet Check-Up app, perpetual licence service code	CS-SOF-SW-02-AXISET
Supported languages	Czech, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish
PC requirements	
Operating system	Windows® 10, 32 or 64 bit
Hard disk space	115 MB (approx.)
.NET framework	4.5.1 (installed with Windows 10)
Other	USB port for software installation

For worldwide contact details, visit www.renishaw.com/contact

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