

Keep Your Machine Tools Healthy with a Ballbar Test by Busch Precision

SPECIAL PRICE: \$500*
(a \$1,000 Value)

Take the guesswork out of determining your machine tool's capabilities. Quickly establish its performance level – before the machine makes bad parts – with a Ballbar Test by Busch Precision.

What Does a Ballbar Test Do?

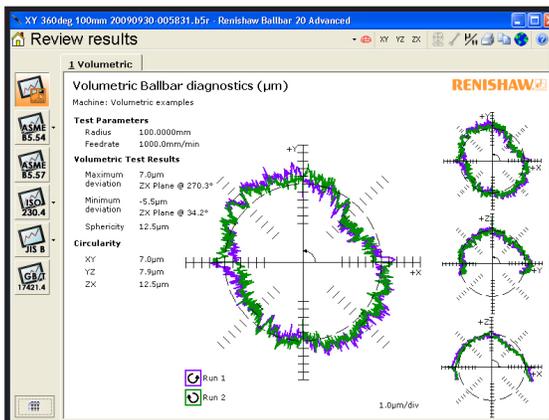
A ballbar system monitors the CNC machine tool spindle movement as it follows a programmed circular path and compares the actual machine spindle path to that of an imaginary perfect circle.

The telescoping ballbar is considered by the manufacturing industry to be the most convenient, practical and comprehensive diagnostic tool available for the assessment of the actual contouring accuracies of CNC machine tools.

The ballbar can observe almost every motion error that exists in the machine axes.

Typical machine inaccuracies include:

- Axis reversal spikes
- Backlash
- Cyclic Error
- Geometric Squareness
- Scale mismatch
- Servo Mismatch
- Stick-Slip



Comprehensive Performance Reports

Busch Precision utilizes the latest state-of-the-art Renishaw QC20-W wireless ballbar system. What this means for you is a comprehensive diagnostic report of different error values related to the dynamic and geometric performance of the machine tool. These error values are then ranked in order of percentage of total actual spindle path error. Early error detection with the ballbar system enables optimum efficiency in the scheduling of maintenance procedures and machine tool repairs.

*** This Ballbar Test "Special" includes the inspection of three (3) typical axis pairs: x-y, x-z, y-z.**



SCHEDULE YOUR BALLBAR TEST:

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www.BuschPrecision.com/Maint_Special