

Position Inspector

Machine tool metrology

The positioning accuracy of any machine tool is of vital importance. It governs how and when your end product is within tolerance and defines your productivity. Over time accuracy can fall off and with it effective output. The Position Inspector delivers rapid and reliable measurement for the positioning accuracy of your machine.

At a glance

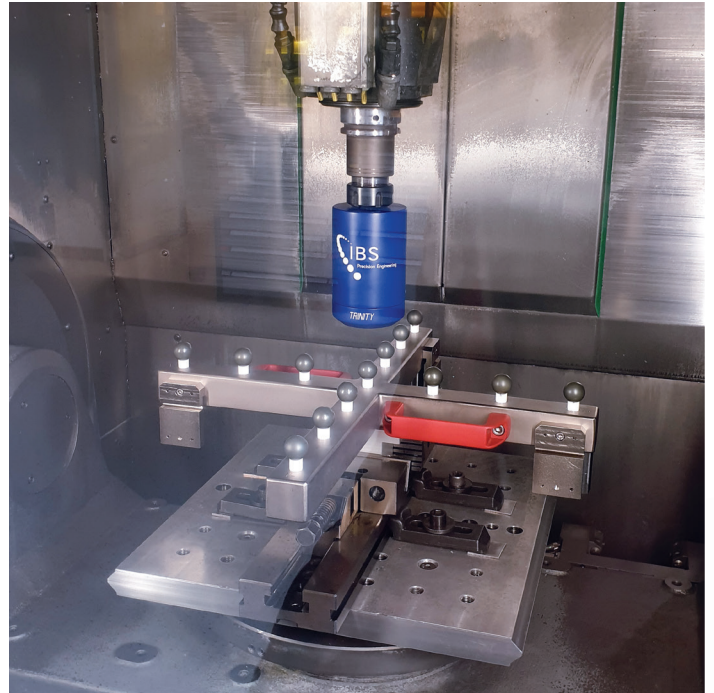
- Qualification of tool positioning accuracy & repeatability (for end product conformity).
- High performance measurement with 0.2 μ m resolution.
- Measurement time < 5min.
- Linear axes: linearity, straightness and squareness errors (ISO 230-1,-2).
- Standard quality report. Status & trend data for predictive maintenance.
- Simple but intelligent measurement software.

Machine positioning accuracy

The Position Inspector puts an instant “health check” at hand during normal production, delivering fully automated measurement in less than five minutes to derive the total machine positioning accuracy. A standard quality report is produced, simplifying in-house quality management of machines as well as providing an auditable document of the machine status.

The full picture

The Position Inspector employs a traceable artefact for qualified measurement. All tests are in compliance with ISO 230 standard. History functions provide machine performance over time. Threshold values determine when the machine is out of tolerance. Compensation data enables corrective action to avoid wasted products.



Intelligence made simple
Position Inspector

Interested? Please contact our specialists.
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