Accredited Testing Laboratory

In 2004 RCMT’s Accredited Testing Laboratory adopted a quality management system in compliance with the ISO/IEC 17025 standard. The laboratory is accredited for all major machine tool tests under the ISO 230 standards. These include geometric accuracy, static and dynamic stiffness, thermal behaviour and noise. The laboratory also performs diagnostic machine tool measurements.

Thanks to many years of experience and an extensive theoretical basis, we are able to offer comprehensive solutions to issues concerning machines under test (geometry adjustment, non-invasive balancing, temperature compensation).

We offer:

- Measurements and analyses of machine tool condition in compliance with existing standards (ISO 230 series)
- Determining spindle operation accuracy, circular interpolation, accuracy of axial and diagonal positioning, geometric accuracy, machine static stiffness
- Vibration, sound pressure, sound power and sound intensity measurements, diagnostic measurements, thermal behaviour measurements
- Measurement and data analysis consultations
- Non-accredited measurements based on the client’s needs