



3. Mechanical Seals

We offer extensive capabilities for testing all aspects of mechanical seal design.

Extensive Capabilities

Dimensional Tolerances are measured using non contact visual inspection and cmm systems to an accuracy of 0.001 mm.

We have a range of material analysis techniques for identifying the composition and monitoring quality of face seal material and elastomers, these techniques include Thermo Gravimetric Analysis, Electron Microscopy and Infra Red Spectrometry.

Spring characteristics are measured using a tensometer and our dynamic test rigs are used to simulate accelerated real world operating conditions. Our test rigs are fully data logged and can be programmed to run different combination of variable pressure, temperature and speed, and to run repeat stop-start cycles to accelerate wear rate.

