

RECIPROCATING TEST RIG

Our reciprocating test rig is specifically designed to evaluate the performance of both rod and piston seals. With its precise measurement capabilities, it enables comprehensive analysis of seal behavior to optimize performance.

The test rig offers flexibility as all operating limits, including pressures, velocities, diameters, stroke length, and temperature, can be adjusted upon request to align with your specific testing requirements.

Technical data

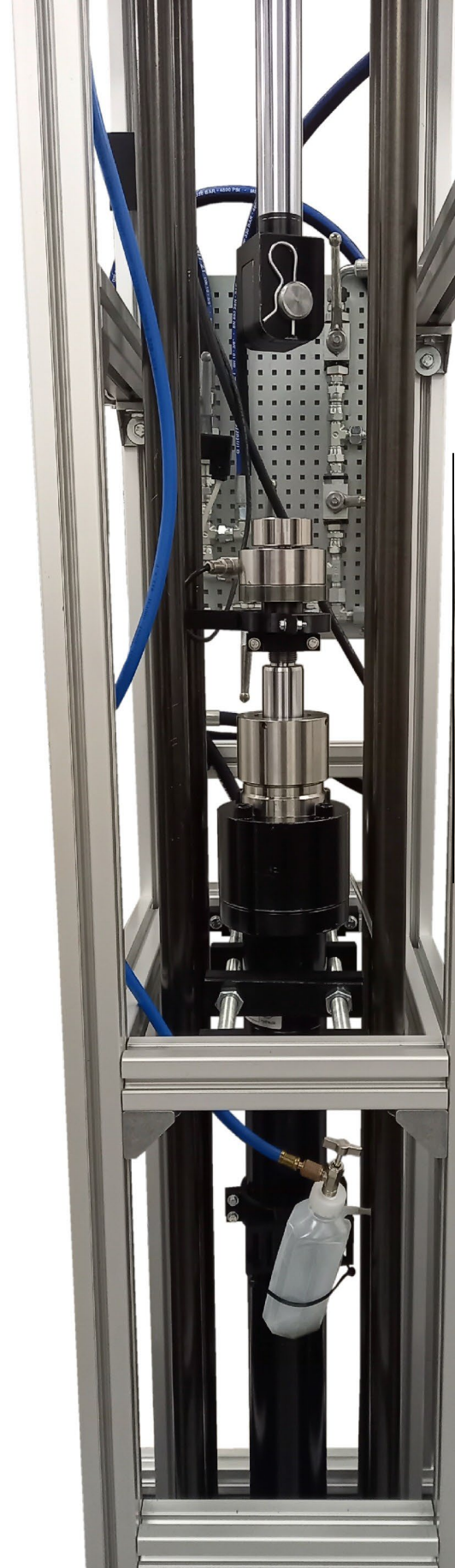
- Pressures from 0-200 bar
- Velocities from 10-200 mm/s
- Diameters from 18 to 50 mm (rod) and 25-63mm (tube)
- ISO VG 46 hydraulic oil
- Stroke length: 0-400mm
- Temperature: 20-25°C

Measurement

- Friction
- Leakage
- Oil pressure
- Oil temperature
- Rod velocity
- Stroke length

We regularly use this test rig for academic purposes hence the accuracy of the measurements meets scientific standards.

We handle post-processing and deliver comprehensive reports for all our measurements.



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