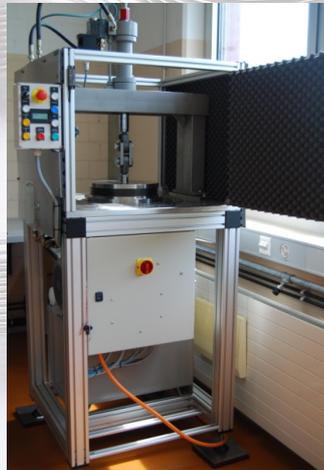
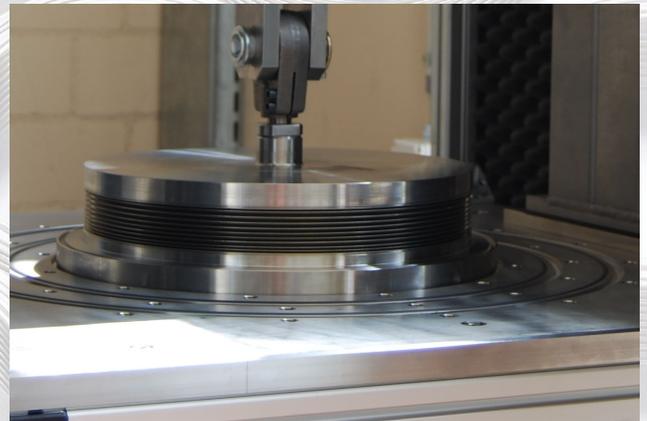
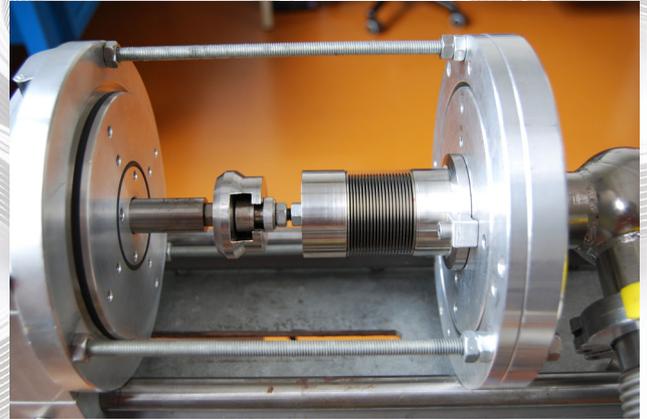


R & D TEST EQUIPMENT CAPABILITIES

AXIAL ENDURANCE TESTING DEVICE:

- Bellows up to outside diameter of 500mm can be tested dynamically
- Tests up to 100'000 cycles possible
- Test Conditions:
 - Inside: Vacuum
 - Outside: Atmospheric Pressure



LATERAL ENDURANCE TESTING DEVICE:

- Bellows up to outside diameter of 230mm can be tested dynamically
- Stroke: Max. +/-100mm
- Maximum Bellows length: 300mm
- Test Conditions:
 - Inside: Vacuum
 - Outside: Atmospheric Pressure



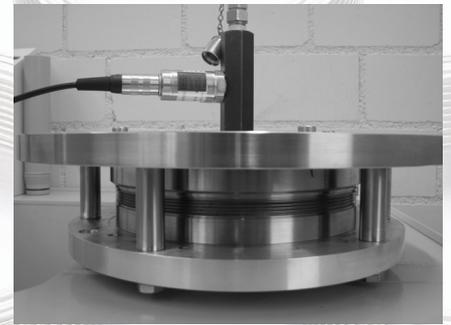
HIGH-SPEED AXIAL ENDURANCE TESTING DEVICE:

- Bellows up to outside diameter of 100mm can be tested dynamically (with various pressure)
- Extendable up to Ø 200mm
- Cycle test up to 5'000'000 cycles
- Test Conditions:
 - Inside: Vacuum or pressure up to 150bar (dependent on bellow size)
 - Outside: Atmospheric Pressure



PRESSURE TESTING UNIT

- For cycling pressure tests from 12 bar up to 250 bar
- Testing of inside- or outside pressure



COORDINATE MEASURING GAUGE:

- Range of measurement: 400 x 700 x 400 mm



PROFILE MEASUREMENT GAUGE:

- Diaphragm membrane form measurement

