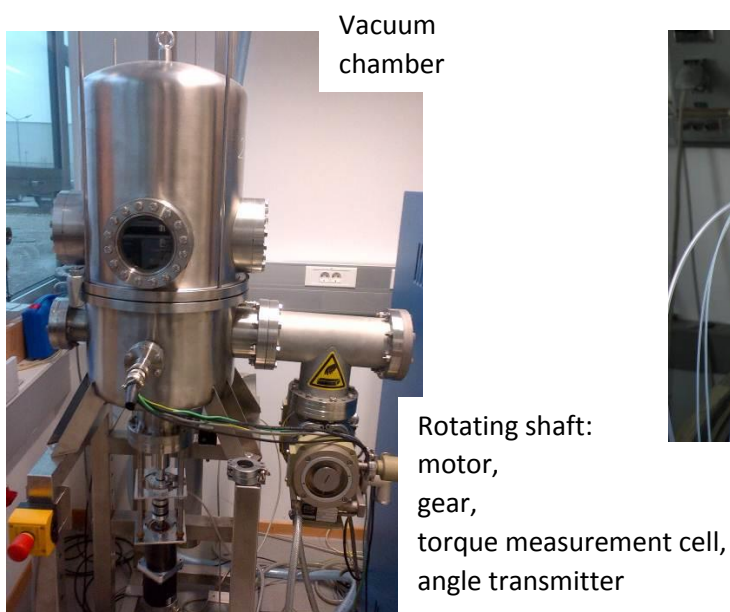


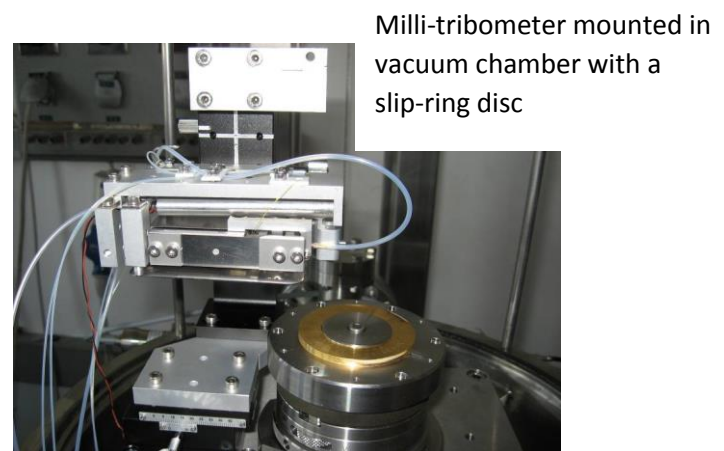
SALOTTE2 (Vacuum-Millitribometer)

This vacuum chamber is made for testing of single slip-rings or potentiometers. The chamber with the pumping unit consisting of a rough vacuum pump and a turbo molecular pump can be seen in the photo below. Also the rotating shaft with motor (and gear) is visible (bottom of the facility). The shaft contains also a torque measurement cell. Furthermore an angle sensor is mounted.

Outside view



Inside view



Main parameters / characteristics

Geometry: Pin-On-Disc
Wire-On-Ring

Test Disc dimensions: thickness: 0.5 – 6 cm
diameter: 2 – 9 cm

Temperature range: –100 to +300 °C

Environments: air-inert gases-vacuum

Load & Friction Force: Simultaneously measured
Accuracy: 5 mN
No other electric signals are induced by opt. Fibre

Contact Resistance: measured with at least 100 Hz