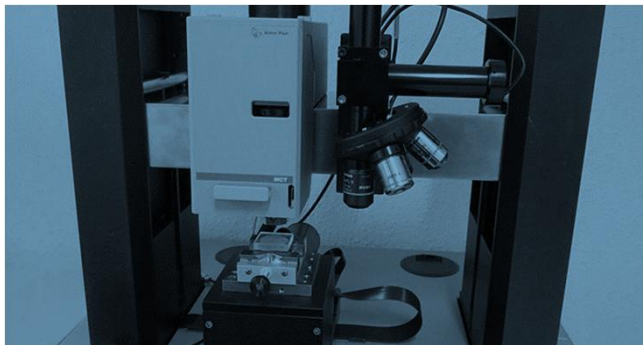


Surface analysis and roughness



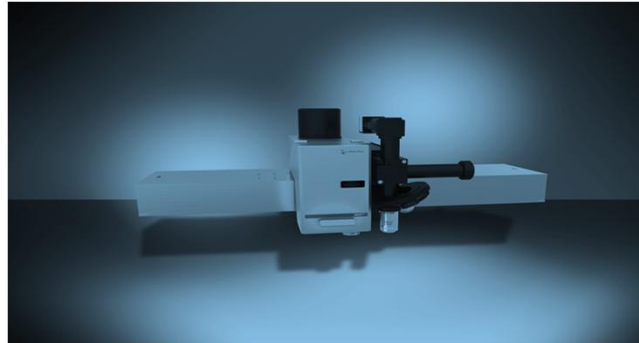
- Light microscopy
- Roughness and surface measurement 2D/3D
- Microgeometry
- Atomic force microscopy
- Form and profile measurement
- Characterization of surfaces
- Wettability of surfaces

Coating characterization



- Coating thickness measurement
- Adhesion strength test
- Coating composition
- Coating hardness
- Friction coefficient

Material analysis



- Scanning Electron Microscopy (SEM)
- Chemical element analysis (EDX)
- Hardness testing (macro, low load, micro hardness)
- Photothermal peripheral zone analysis
- Friction coefficient
- Scratch resistance
- Tensile testing

Tribology & Wear analysis



- Wear analysis
- Tribological consultation
- Surface finish
- Material pairings

Tribology seminar



Topics

- Friction
- Lubrication
- Surface
- Wear
- Failure analysis
- Material choice

In the Tribology seminar, learn everything you need to know about friction, wear and related failure analysis as well as the right choice of materials for tribological systems. A seminar for the practice with teaching of theoretical contexts.

Target group

Engineers from design, development, testing, testing, quality assurance

Dates: see homepage

Fee: 980 Euro plus VAT

Location

Haus der Wirtschaft
D-70174 Stuttgart