



Analysis of surface functionalities

Stereomicroscope

- Optical assessment of the damage
- Measurements und visual checks
- Close-ups and overview scans

Polariscope

- Evaluation of stress conditions in transparent structural component

Roughness measurement

- Single test: 20 mm; +/- 300 μm
- Rz, Ra, AMax; waviness; DIN EN ISO 4287

Contact angle measurement with different test liquids

- Camera supported system, Sessile-Drop-Methode
Pendant-Drop-Methode; DIN EN 828; DIN EN ISO 15989
- Wettability analysis; incl. temperature chamber

Microhardness and Mechanical Properties

- DIN EN ISO 4516; Measurement of thin film systems,
• surface properties

Wallthickness analysis

