



Defect Measurement

3D.aero

Dr. Tomas Domaschke · WLI Expert

M: +49 151 57166715

E: tdomaschke@3d-aero.com

in: www.linkedin.com/company/3d-aero-gmbh



HP-FD

– DefectMeasurement

Our **DefectMeasurement** solution is an optical system for precise dimension measurements and accurate 3D digitalization of different anomalies like nicks, dents, scratches, breakouts, pitting or corrosion. It uses high-precision white-light interferometry in μm -resolution mounted on a flexible cobot to allow automated as well as hand-guided measurements within the workshop. The solution therefore reduces efforts in measurement labs by allowing the performance of repetitive measurement tasks with high precision requirements, as well as individual defect classification within the process, significantly raising result reproducibility and quality efficiency.



CHARACTERISTICS

- Sub micrometer accuracy on all surfaces
- Performance of measurement tasks
- Intuitive digital result visualization
- Extensive classification and documentation

