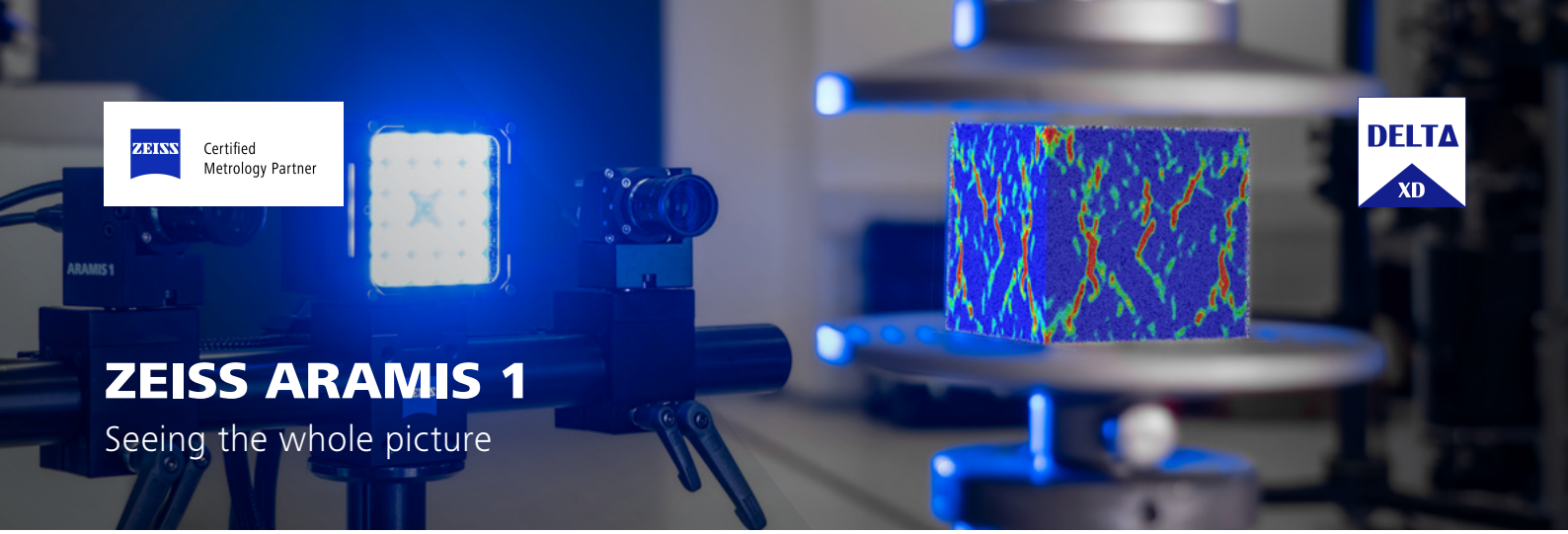


ZEISS ARAMIS 1

Seeing the whole picture

ZEISS ARAMIS 1 is your entry key to the world of optical 3D measurements of strain, displacement and deformation. The system enables the detailed analysis of deformation behavior of material specimen and small components. The full-field measurement results on strain distributions and displacement fields allow you to see the whole picture and to make reliable decisions on designs, materials and components.



Benefits at a glance

- Optical all-in-one sensor for quasi-static tests
- Optical strain gauge and optical extensometer
- Optical LVDT and optical accelerometer
- Thousands of measuring points for detailed deformation analysis
- Saves time and money in measurement preparation thanks to the non-contact principle

Specifications

- 50 frames per second (fps) at full resolution
- Mobile and robust hardware
- Compatible with optically tracked Touch Probe
- Designed and manufactured by ZEISS in Germany
- Certified performance according to VDI standard

Technical Data

Camera resolution (pixels)	2472 × 2064
Maximum frame rate (fps)	50 fps at 2472 × 2064 pixels 100 fps at 2472 × 1024 pixels 150 fps at 2472 × 512 pixels
Measurement volume Length × Width (mm)	50 × 40 mm up to 500 × 425 mm

Would you like to learn more? Contact