



Certified
Metrology Partner



ARAMIS Adjustable SRX

Speed and resolution for the highest demands in 3D testing

The ARAMIS Adjustable SRX optical 3D measuring system features very high spatial resolution in combination with a very high frame rate. Thanks to the 10 GigE interface in combination with industry-standard plug connections and cables, high image transmission rates can be achieved. The camera's internal memory allows you to combine high image resolution with high image acquisition speeds. Based on photogrammetric methods, the ARAMIS Adjustable SRX delivers precise measurement values for 3D displacements, 3D deformations and surface strains.



Benefits at a glance

- Sensor design for maximum flexibility
- Optical multisensor: LVDT, strain gage, extensometer
- Thousands of measuring points for detailed deformation analysis
- Saves time in measurement preparation thanks to the non-contact measuring principle

Specifications

- 335 frames per second (fps) at full resolution of 12 megapixels
- 1000 frames per second (fps) with HD resolution
- Camera-internal memory and 10 GigE data transmission
- Modularly expandable

Technical Data

Camera resolution (pixels)	4096 × 3068 pixels	
Maximum frame rate (fps)	Use of camera-internal memory	Use of PC (Laptop) RAM
	335 fps at 4096 × 3068 pixels	75 fps (50 fps) at 4096 × 3068 pixels
	500 fps at 4096 × 2000 pixels	115 fps (78 fps) at 4096 × 2000 pixels
	1000 fps at 4096 × 1000 pixels	230 fps (156 fps) at 4096 × 1000 pixels
	2000 fps at 4096 × 480 pixels	480 fps (325 fps) at 4096 × 480 pixels
	1000 fps at 1920 × 1000 pixels	490 fps (333 fps) at 1920 × 1000 pixels
Standard measurement volume* Length × Width (mm)	30 × 25 mm up to 3900 × 3100 mm	

* Larger or smaller measuring ranges can be achieved with the ARAMIS Adjustable SRX as special solutions. Please do not hesitate to contact our employees on this subject.

Would you like to learn more?

Contact