Nome (Tipo) apparecchiatura	Estensimetro ottico
Fornitore	GOM
Costruttore	GOM
Modello	Aramis 6M

Descrizione breve

Sistema di rilievo delle superfici e misura degli spostamenti e delle deformazioni basato su metodi ottici - ARAMIS is a non-contact and material-independent measuring system based on digital image correlation (DIC). It offers a stable solution for full-field and point-based analyses of test objects of just a few millimeters up to structural components of several meters in size.

Website

https://www.gom.com/it/sistemi-di-metrologia/aramis/sistemi-aramis-3d-camera.html

Altre caratteristiche / funzionalità disponibili

- measuring areas of approx. 15 x 12 mm² up to approx. 1,500 x 1,200 mm² can be realized
- In full resolution of 12 megapixels (5500 x 4400 pixels) up to 25 images per second can be recorded
- with reduced resolution, a higher frame rate of up to 44 images per second can be realized
For statically and dynamically loaded specimens and parts, the ARAMIS Adjustable provides precise data including:
- 3D coordinates
- 3D displacements, velocities and accelerations
- Surface strain
- Material properties for simulation (Young's modulus etc.)
- Evaluation of 6 degrees of freedom (6DoF)

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Modalità di gestione	Dipartimento