TWYN - Augmented reality-based quality inspection

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

Visometry develops augmented reality and computer vision solutions and supports companies in the digitalisation of industrial processes. The focus is on the development of technologies for the quality inspection of components and assemblies: With the Twyn AR inspection system, the startup is setting new standards for visual quality inspection in mechanical and automotive engineering.

With the procedures for quality control of components and assemblies, very complex components can be quickly, flexibly and efficiently validated. This means that significantly more components can be inspected with the aim of achieving a 100% inspection of the manufactured components in order to avoid resource-intensive dismantling processes. The computer vision-based inspection systems can be used for incoming/outgoing goods inspection as well as for an "end-of-line" inspection, in which a specific construction status of a comprehensive assembly is checked.

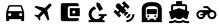
Fraunhoferstr. 5 64283 Darmstadt Hesse Germany ☑ www.visometry.com



Organisation type

Small or medium-sized enterprise

Sectors











Employees

10 up to 49

Turnover

Up to €2m

Funding

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About this organisation				
Main areas covered	Quality control in mechanical engineering			
Infrastructure	Software developer			
Certifications				
Keywords	Quality inspection, Digitisation, Augmented Reality, Computer Vision, Digital Twins			
Memberships	VR/AR Association - The VRARA			

Overview of lightweighting expertise						
Machine translation						
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	Research	Development	Manufacturing & Supply			
Offer			,			
Offer Products						
	✓	✓	~			
Products	✓	✓ /	*			

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Overview of lightweighting expertise					
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	Research	Development	Manufacturin & Supply		
Field of technology					
Design & layout Lightweight manufacturing			✓		
Functional integration Media conductivity			✓		
Measuring and testing technology Visual analysis (e.g. microscopy, metallography), Non-destructive analysis			✓		
Modelling and simulation Reliability validation			✓		
Plant construction & automation Plant construction, Automation technology, Robotics			✓		
Recycling technologies					
Manufacturing process					
Additive manufacturing					
Coating (surface engineering)					
Fibre composite technology					
Forming					
Joining					
Material property alteration					
Primary forming					
Processing and separating					
Textile technology					

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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