

# Visometry GmbH

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 start-up 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](http://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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<b>Main areas covered</b>	Quality control in mechanical engineering
<b>Infrastructure</b>	Software developer
<b>Certifications</b>	
<b>Keywords</b>	Quality inspection, Digitisation, Augmented Reality, Computer Vision, Digital Twins
<b>Memberships</b>	VR/AR Association - The VRARA

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Software & databases	✓	✓	✓
<b>Services &amp; consulting</b> Validation		✓	✓

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

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

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