

About this organisation

ILA_5150 GmbH is a supplier for optical measurement systems with focus on laser optical flow measurements and imaging technologies. We also offer service and demo measurements with our systems.

Our focus is mainly on customized solutions for measurement applications. This includes flexible and lightweight constructions.

Rotter Bruch 26A
52068 Aachen
North Rhine-Westphalia
Germany
ila5150.de/en



Organisation type

Small or medium-sized enterprise

Sectors



Others: null

Employees

10 up to 49

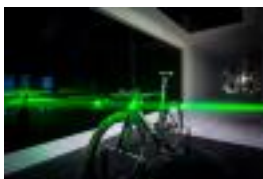
Turnover

€2m - €10m

Funding



[Projects in the funding catalogue](#)



About this organisation	
Main areas covered	Customized test rigs for PIV, Traversable PIV systems, Robotic PIV systems
Infrastructure	Optical and laser laboratory, PIV test rig(s)
Certifications	
Keywords	Robotics, Imaging, Optical Measurements, Flow Measurements, Fluid Dynamics
Memberships	

Overview of lightweighting expertise			
	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Software & databases, Systems and end products, Others: Optical Measurement Systems		✓	✓
Services & consulting Consulting, Distribution, Testing and trials, Engineering, Prototyping, Validation, Technology transfer, Maintenance and repair	✓	✓	✓

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight construction concepts		✓	✓
Functional integration Actuator technology, Media conductivity, Sensor technology, Others: Optical Measurement Systems		✓	✓
Measuring and testing technology Visual analysis (e.g. microscopy, metallography), System analysis, Non-destructive analysis, Others: Optical Measurement Systems	✓	✓	✓
Modelling and simulation Loads & stress		✓	✓
Plant construction & factory automation Automation technology, Robotics, Others: Optical Measurement Systems		✓	✓
Recycling technologies Recycling, Upcycling		✓	✓
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology Others:			✓
<i>Forming</i>			
<i>Joining</i>			
Material property alteration Mechanical treatment			✓
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

	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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