

About this organisation

Machine translation

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

The knowledge and skills of our employees in the fields of calibration equipment, vibration and shock exciters, services and customised measuring and testing systems are mutually utilised and multiplied. Together with the experience from our own service sector, product solutions are developed that give us and our customers a joint advantage in the market.

Many special customer requirements for our products have later resulted in standard products that enrich our product and service range. In the field of lightweight construction, SPEKTRA offers structural and modal analysis to investigate the behaviour of structures when subjected to force. From their evaluation, insights can be gained as to how the architecture can be optimised to withstand the environmental conditions.

Heidelberger Str. 12
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Saxony
Germany
www.spektra-dresden.com



Organisation type
Small or medium-sized enterprise

Sectors
 Others: Hersteller und Dienstleister von Mess- und Prüftechnik

Employees
50 up to 249

Turnover
€2m - €10m

Funding

Main areas covered
Structural analysis, Modal analysis

Infrastructure
Calibration, Environmental test, Modal analysis, Structural analysis, Sensor characterisation

Certifications
ISO 9001, ISO 17025

Keywords
Environmental assessment, Characterisation, Modal analysis, Calibration

Memberships
AMA, Silicon Saxony, ISO, DIN, DKD

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Testing and trials, Validation, Simulation		✓	✓
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, Environmental simulation, Destructive analysis, Non-destructive analysis		✓	✓
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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Research Development **Manufacturing
& Supply**

Manufacturing process

Additive manufacturing

Coating (surface engineering)

Fibre composite technology

Forming

Joining

Material property alteration

Primary forming

Processing and separating

Textile technology

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

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