

ZEISS Quality Excellence Center

The place to solve your metrology challenges





The ZEISS Group

Facts

ZEISS contributions as an enabling partner



80%
of microchips
worldwide

Made on ASML lithography
systems with ZEISS optics

35
Nobel Laureates
Using ZEISS Microscopes

50
ZEISS Camera Lenses were
sent into space
During the NASA Apollo Mission

10
Oscar-nominated
movies in 2019
Filmed with ZEISS Cine Lenses

15,000,000
Operations worldwide per year
With ZEISS Surgical Systems p.a.

ZEISS Markets



Direct business with
superregional cooperation
partners

€1.633 bn



Americas

€1.180 bn

EMEA

€1.746 bn

APAC

€1.738 bn

Revenue in € billion

6.3

EBIT in € million

900

Portfolio

Shaping the future - ZEISS segments



Semiconductor Manufacturing Technology



Industrial Quality & Research



Medical Technology



Consumer Markets



Strategic Business Units

Semiconductor Manufacturing Optics
Semiconductor Manufacturing Mask Solutions
Process Control Solutions

Industrial Quality Solutions
Research Microscopy Solutions

Microsurgery
Ophthalmic Devices

Vision Care
Consumer Products

Portfolio

ZEISS segments



**Assuring Quality and Precision.
Seeing Even the Finest Detail.**
Industrial Quality & Research

Industrial Quality Solutions

- Contact and optical measuring systems
- Computed tomography
- Measuring, analysis & management software

Research Microscopy Solutions

- Light microscopy
- Laser scanning microscopy
- Electron and ion microscopy
- X-ray microscopy

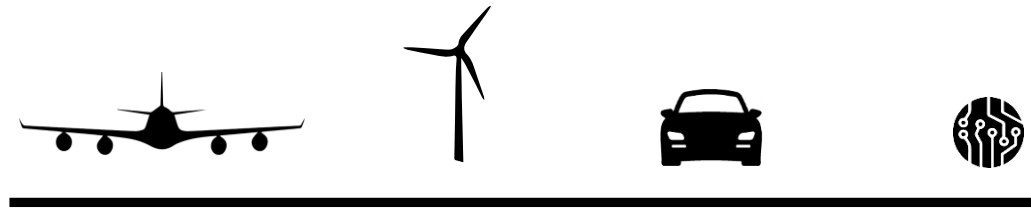
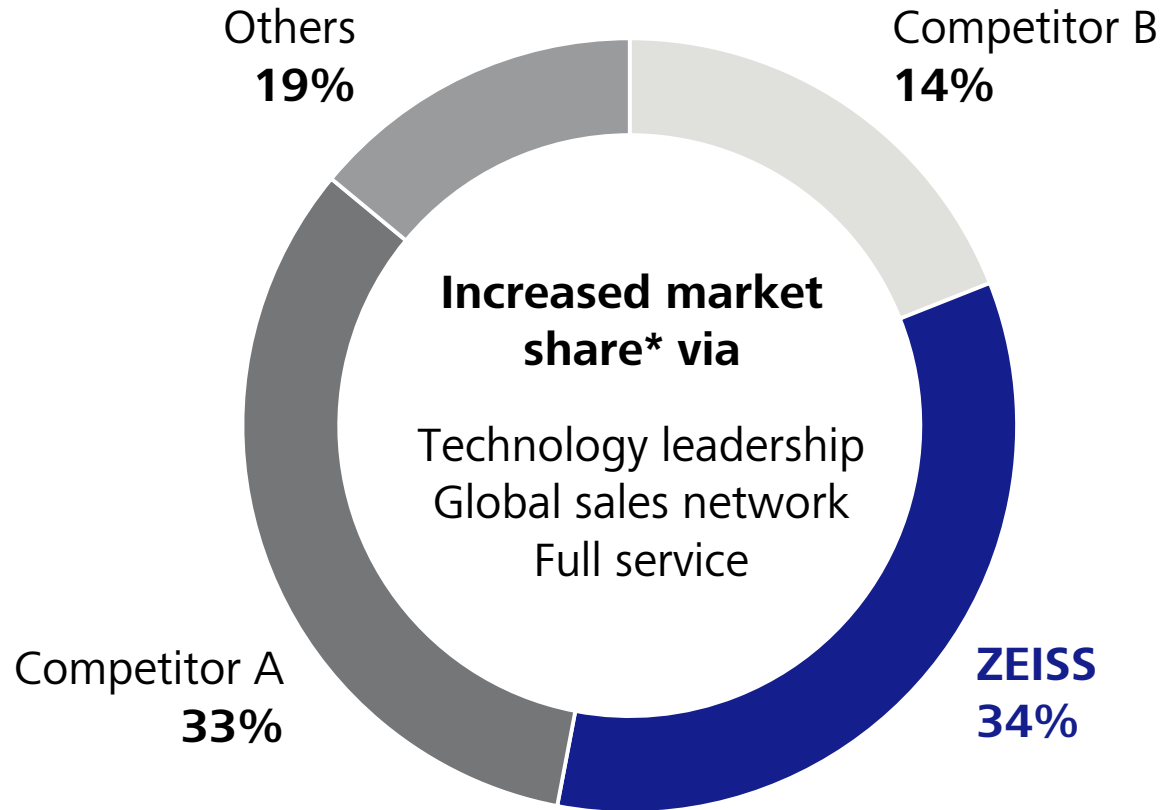




ZEISS Industrial Quality Solutions

Potential

Market & competition



ZEISS Industrial Quality Solutions applications
Aviation, Energy, Automotive, Micro-Electronics

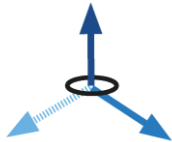
* 3D CNC coordinate measuring machines
Source: ZEISS research

Portfolio

Divided into six business units



Systems



Bridge & Visual Systems

Portable & Surface
Metrology

Solutions



Car Body Solutions

Automated &
Robotic Solutions

Services



Service Products &
Retrofit

Trainings and
Measurement Services
in the ZEISS Quality
Excellence Centers

Accessories

Software & Quality Intelligence



Metrology Application
Software

Quality Intelligence
Software

X-ray



X-Ray

Industrial Microscopy Solutions



Industrial Microscopy
Solutions

XRM

Flexible & future-proof solutions for all challenges today and tomorrow



A **wide** and **flexible** portfolio with
HD & SW package



Extensive **future-proof** accessories portfolio



Quality solutions experts and service **always**
at your side



Meeting the **highest** international standards



Real-life performance guaranteed

Bringing quality solutions to the production floor



Leading expertise in metrology, development, craftsmanship and extensive manufacturing



High-quality, robust components and state-of-the-art technologies



Consistent high standards for fast & effective support in the production process



Connected portfolio

Turning data into productivity



Intelligent systems that **pool and analyze** digital information to enhance processes



Quality data with software that helps shaping data sets as needed



Quick support for any problem through digital Smart Service, **reducing downtime**



Trusted partnerships with world-wide presence



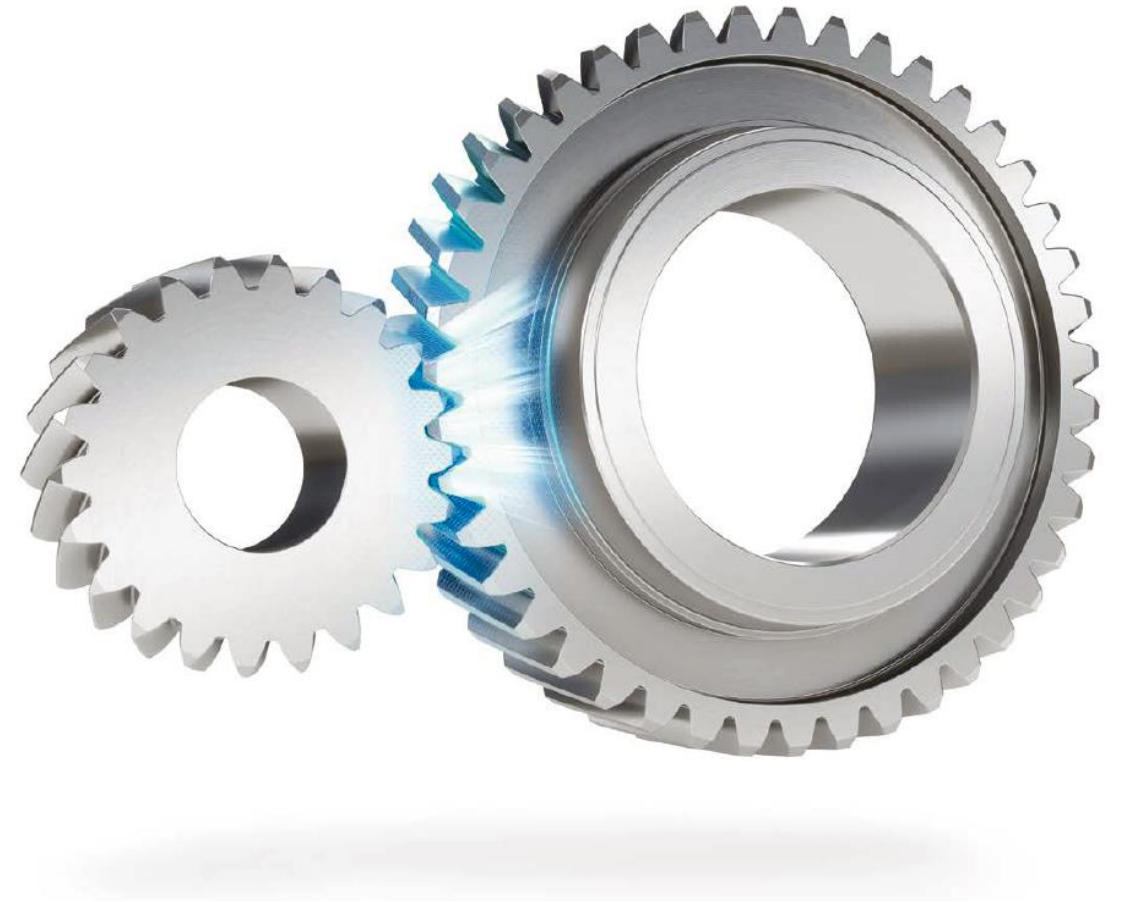
32 sales and service organizations,
150 business partners and 3,800 employees
worldwide to support quality assurance



Quality Excellence Centers providing
cutting-edge support



The right expertise at all stages of the
production life





ZEISS Quality Excellence Center

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The place to solve your metrology challenges



**Measurement service, trainings and
application support and beyond**

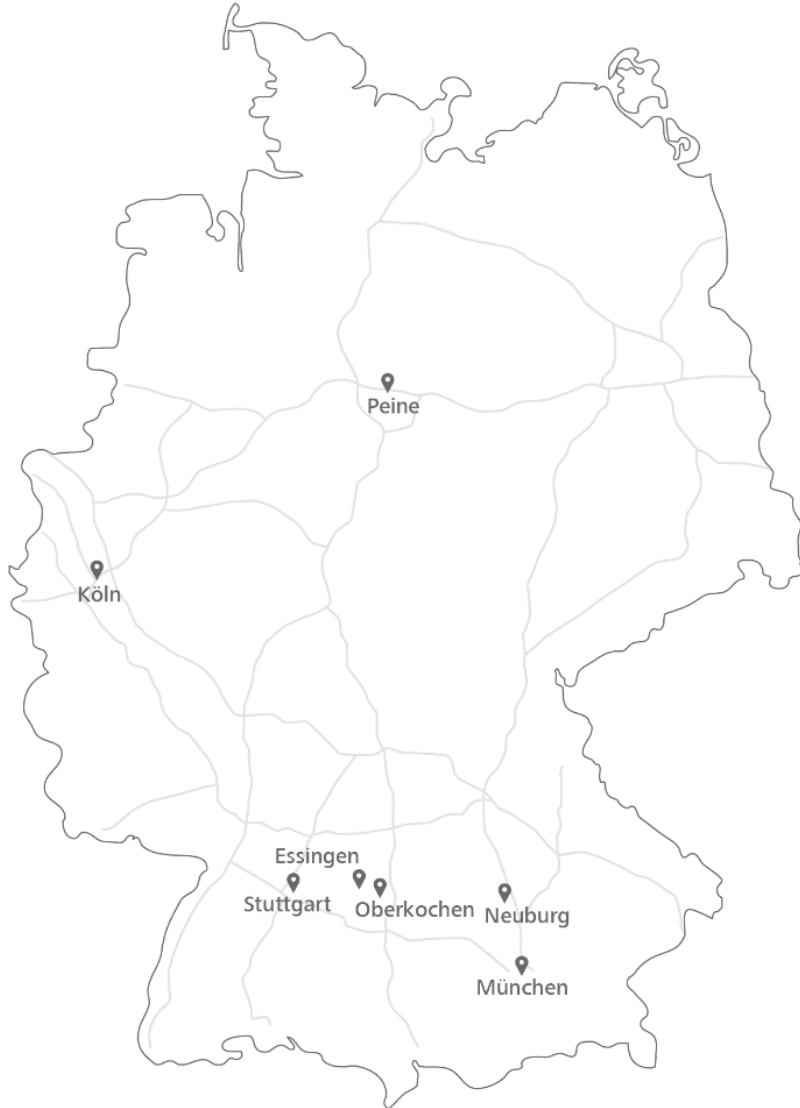
ZEISS Quality Excellence Center

> 60 technology and knowledge hubs worldwide



ZEISS Quality Excellence Center

Your global partner for your local requirements



- ZEISS Quality Excellence Center Peine**
Woltorfer Str. 77 D, 31224 Peine
- ZEISS Quality Excellence Center Köln**
Ruth-Hallensleben-Straße 6, 50739 Köln
- ZEISS Quality Excellence Center Essingen**
Willy-Messerschmitt-Straße 1, 73457 Essingen
- ZEISS Quality Excellence Center Ostfildern bei Stuttgart**
Felix-Wankel-Straße 6, 73760 Ostfildern
- Customer Center Oberkochen**
Carl-Zeiss-Straße 22, 73447 Oberkochen
- ZEISS Quality Excellence Center Neuburg**
Ruhrstraße 5a, 86633 Neuburg an der Donau
- ZEISS Quality Excellence Center Garching bei München**
Carl-Zeiss-Straße 8a, 85748 Garching bei München

ZEISS Quality Excellence Center Service Overview

Turnkey solutions tailored to your needs

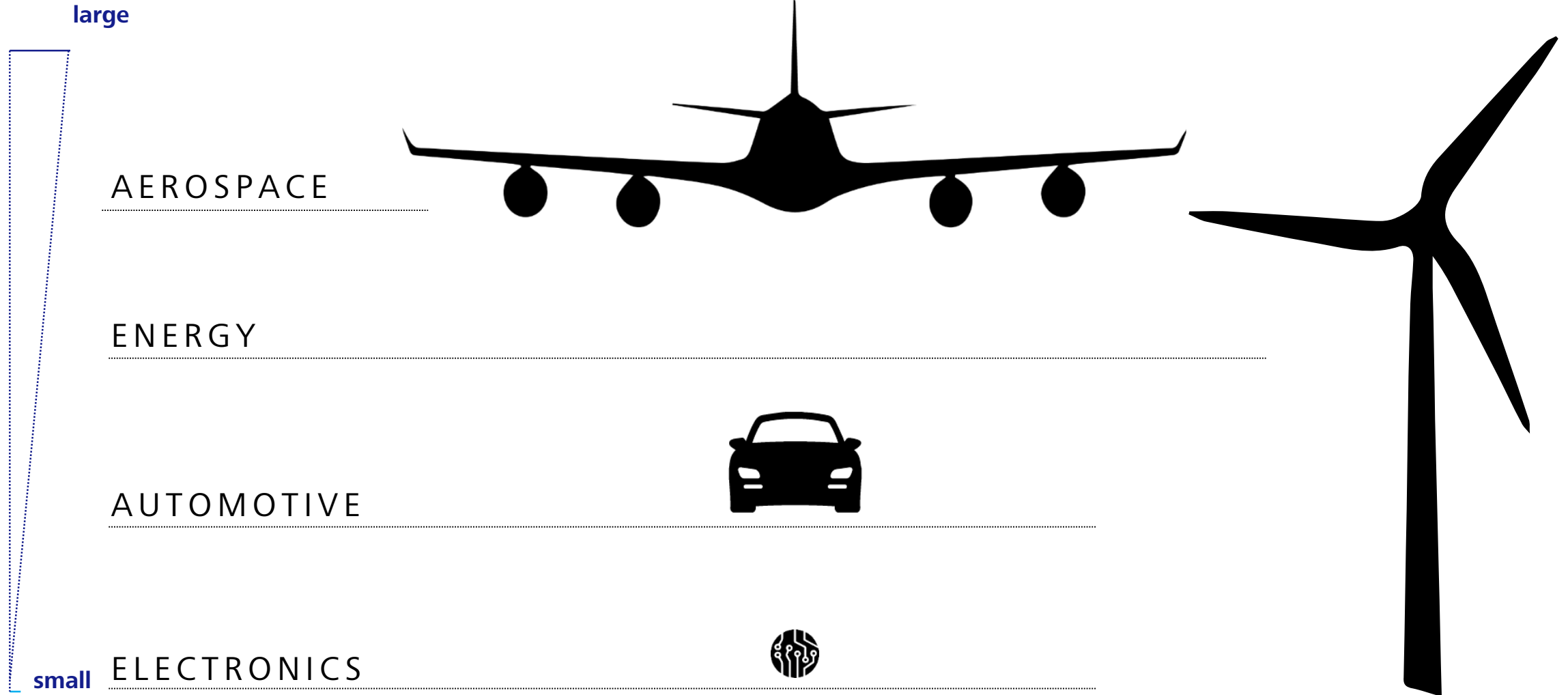


Measurement services from initial sampling to large scale measurements



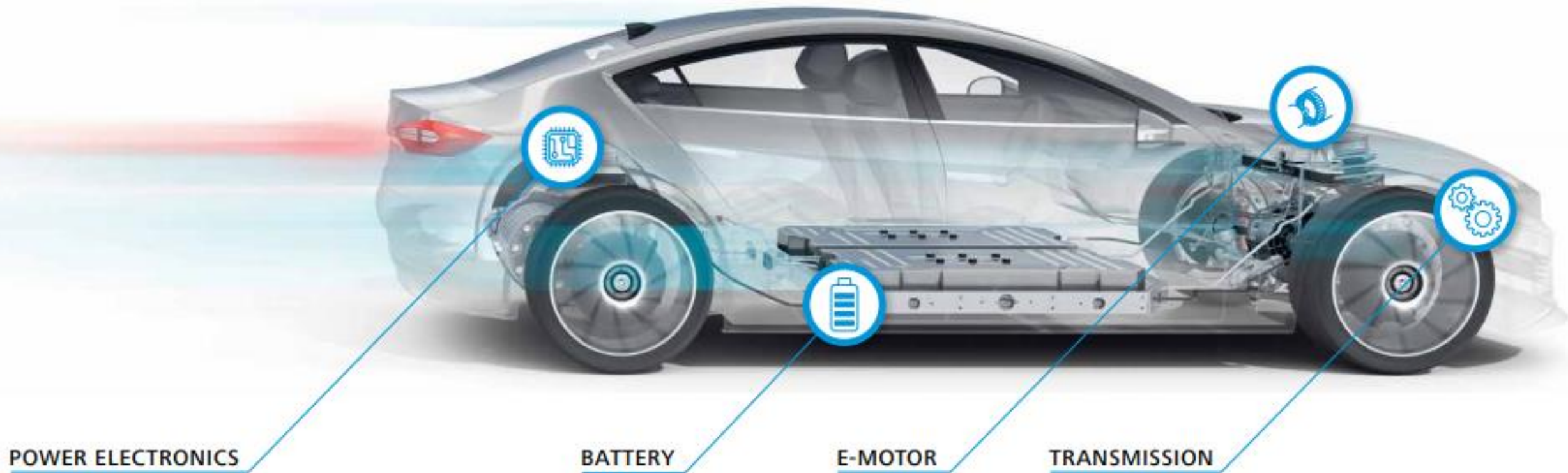
ZEISS Industrial Quality Solutions

Solutions for a wide range of applications



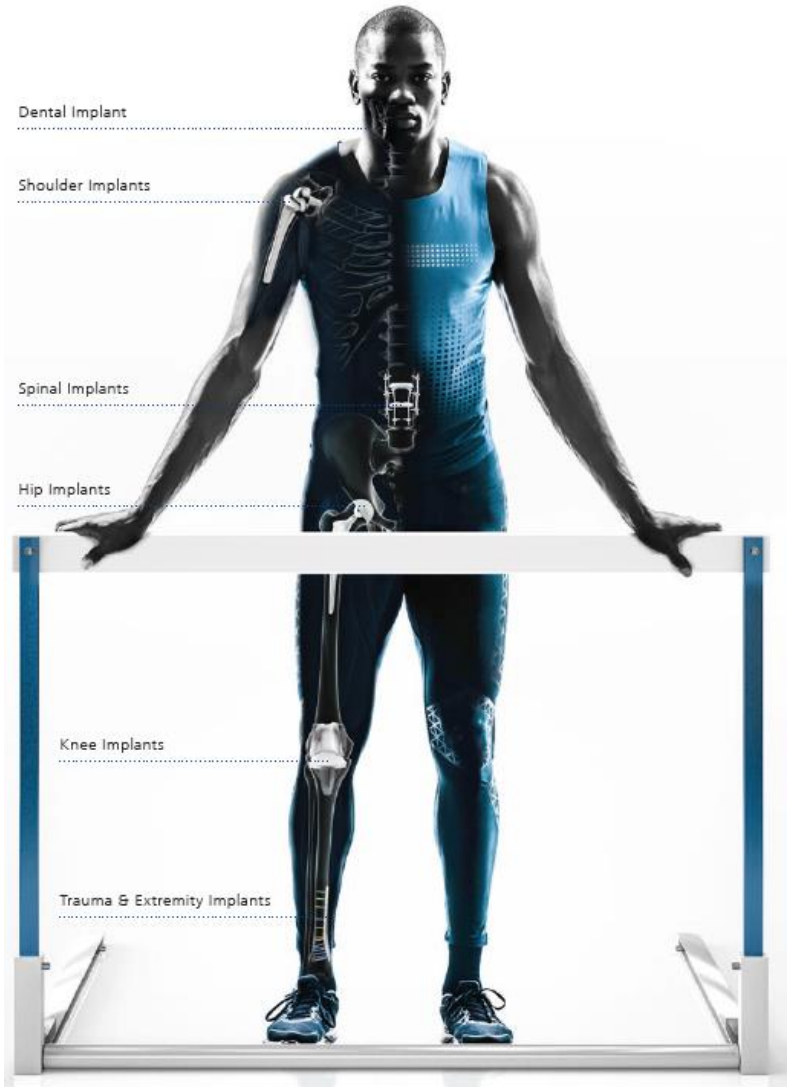
ZEISS Quality Excellence Center

Effective solutions for eMobility



ZEISS Quality Excellence Center

Quality assurance for the highest medical standards



Dental Implant



Shoulder Implants



Spinal Implants



Hip Implants



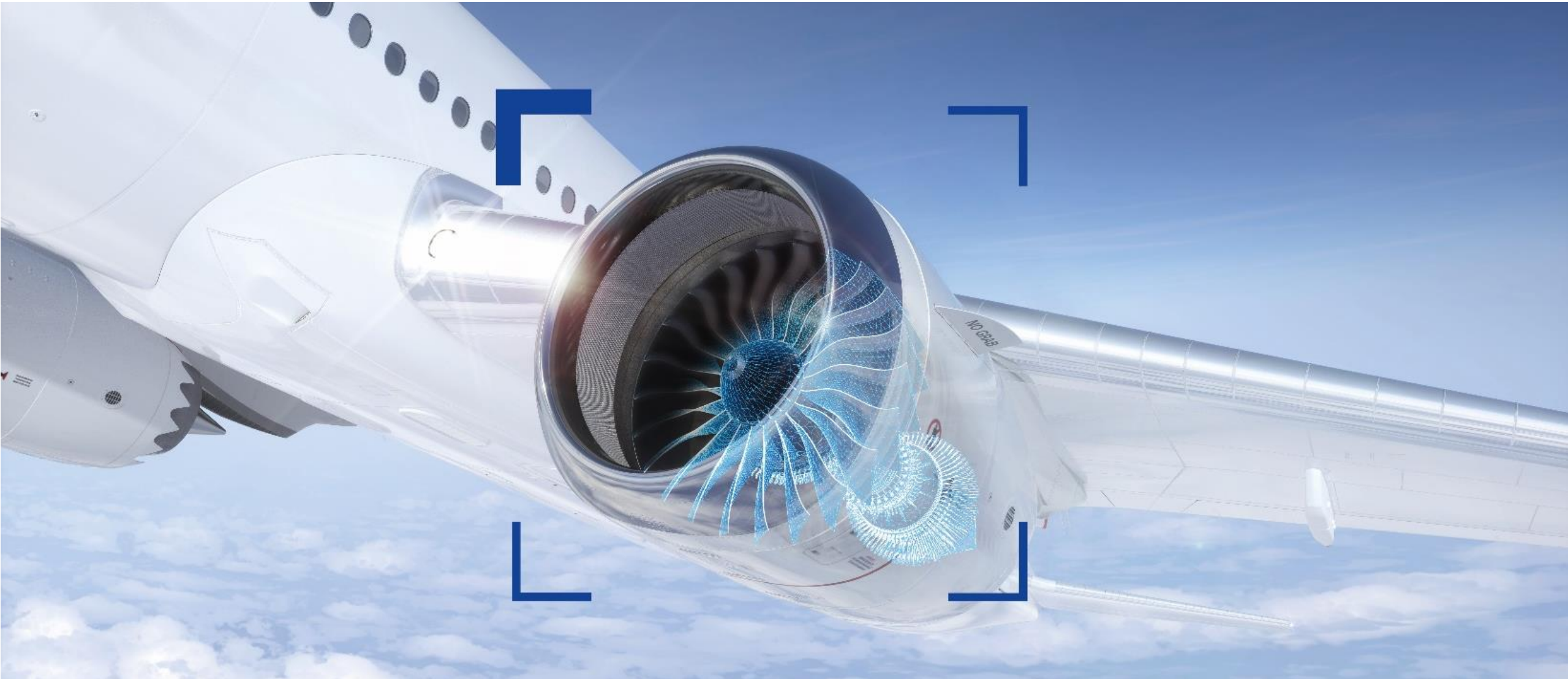
Knee Implants



Trauma & Extremities

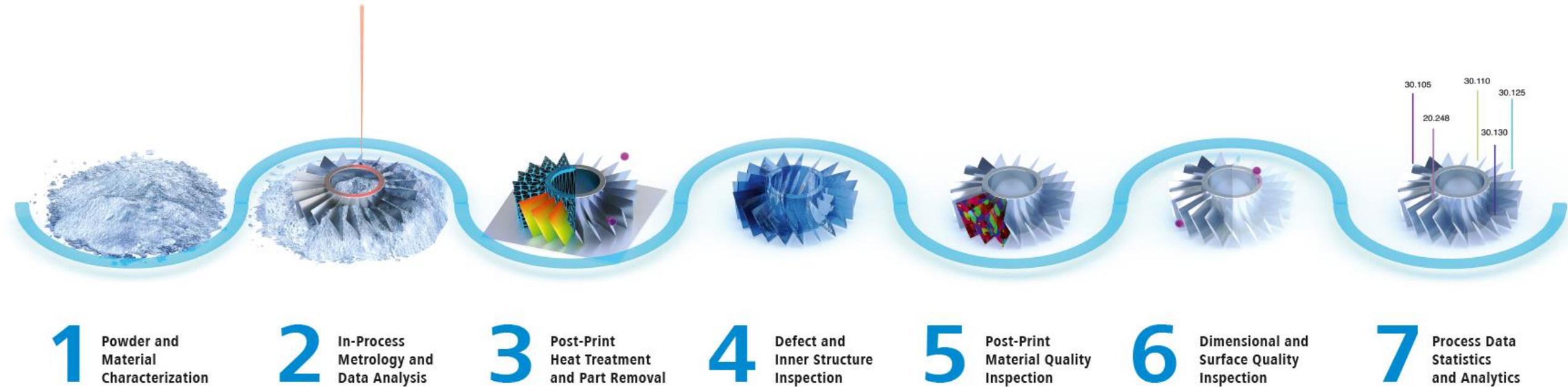
ZEISS Quality Excellence Center

Productivity enablement for the Aerospace shop floor



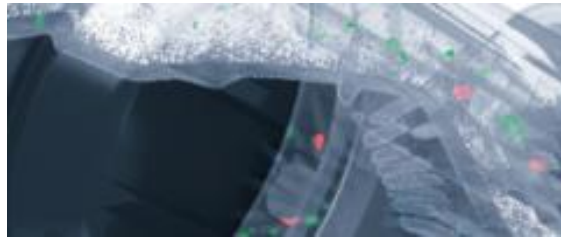
ZEISS Quality Excellence Center

Effective solutions for the entire process chain in Additive Manufacturing



ZEISS Quality Excellence Center Service Overview

We have the suitable technologies for your challenges



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Tactile measurement services

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CT scanning services

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Optical & multi-sensor measurement services

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Analysis with industrial microscopes



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Form, contour and surfaces measurement services

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Gear measurement services

.....

Support for offline programming

.....

Calibration services

ZEISS Quality Excellence Center Service Overview

Experience much more than just pure measurements



.....
Training



.....
Application support and
metrological consulting



.....
Get to know our
products up close

ZEISS Quality Excellence Center

Measurement services and training – all in one location



Trainings

- AUKOM
- ZEISS CALYPSO basics (VAST sensors, RDS sensors)
- ZEISS CALYPSO structure

Technologie Days

- Guided tour where you can learn more about a focus topic

Digital Customer Days

- Learn everything you need to know about the latest software functionalities

Open House Events

- Visit our ZEISS Quality Excellence Center during our Open House event and experience our range of products first-hand



ZEISS Quality Excellence Center

Why ZEISS?



Connected portfolio

- Connected hardware, software as well as digital quality solutions that increase your productivity
- Manufacturing knowledge is reflected in our service
- Largest portfolio on the market



State-of-the-art technology

- Partnerships with universities, VDA & business partners ensure latest technology expertise
- Strong global network with continuous flow of knowledge
- High-end measuring labs



Fast & flexible

- Receive a quote within 24 hours
- We find the best solution for your requirements
- Measurements of components of various sizes, materials and compositions



Reliable

- > 100 years of proven success in the industry
- ISO 9001:2015 certified
- DIN ISO 17025 accredited

ZEISS Quality Excellence Center

Latest hardware & software at your disposal



>500

Measurement devices and accessories in our centers



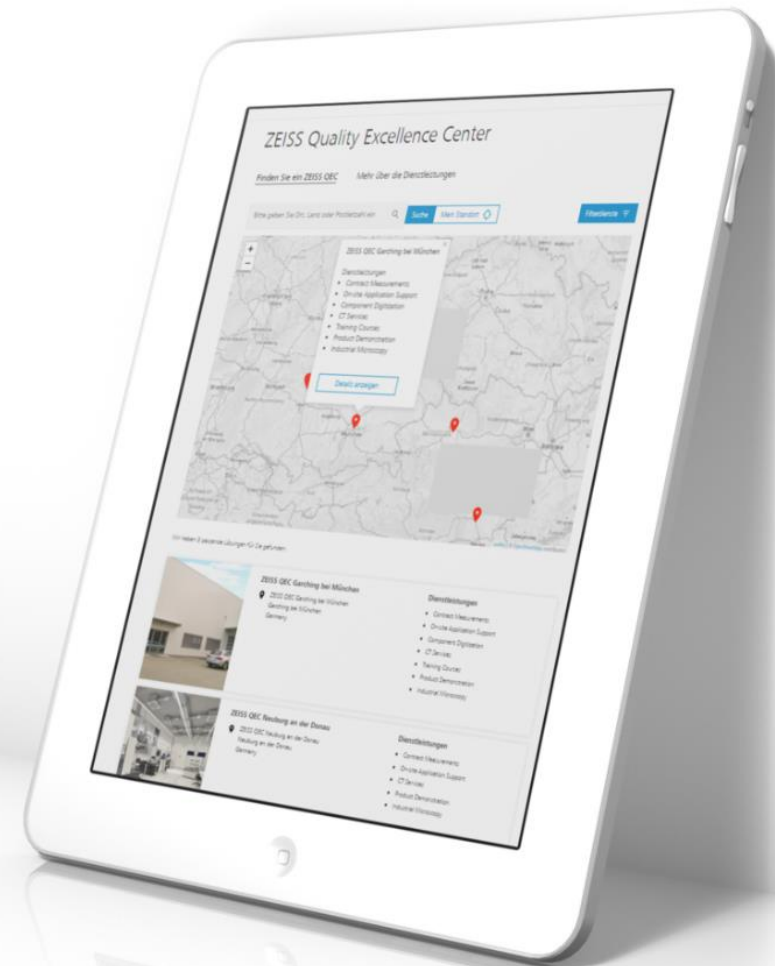
ZEISS Quality Excellence Center

All locations at a glance



ZEISS Quality Excellence Center Finder App

- Experience all ZEISS Center worldwide and find your nearest location
- Take a look at the range of services per center
- Download the app in the iOS store or visit our ZEISS Metrology Portal at portal.zeiss.com



ZEISS Quality Excellence Center

Customers about us



Audi

“The ZEISS team is quite similar to our team. Everyone brings a great deal of passion, stamina and team spirit to the race.”

- Xaver Kraus, Quality Manager at Audi Motorsport



<https://www.zeiss.com/metrology/magazine/race-of-the-future.html>

ZEISS Quality Excellence Center

Customers about us



Dormakaba

“Whenever I need assistance, whether with interpreting a measuring report or assessing a new inspection method, I contact the measuring experts from ZEISS who share their expertise with me.”

- Jörg Walther, Measurement technician at Dormakaba



https://www.zeiss.com/metrology/_successstories/dormakaba-contract-measurement.html

ZEISS Quality Excellence Center

Customers about us



Festo

"I am not only proud that we work with the best systems in quality assurance, but also that we can benefit from a high and uniform training standard."

- András Kunt, Head of Quality & EHS+Facility Hungary



<https://www.zeiss.com/metrology/magazine/festo.html>

ZEISS Quality Excellence Center

Our passionate team ready at your service



> 350

highly qualified experts



Seeing beyond