



# 34<sup>th</sup> International Expo for Materials Testing

October 12 –15, 2026 at ZwickRoell in Ulm, Germany

testXpo

# Welcome

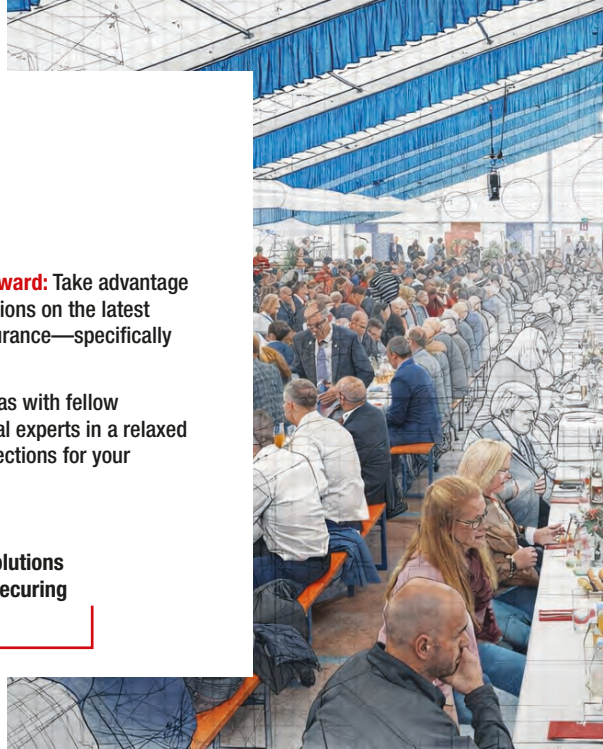
## to the 34<sup>th</sup> testXpo – International Expo for Materials Testing!

Discover how modern testing and measurement technology makes your quality assurance more efficient, safer, and more future-proof:

- **Experience technology live in action:** Test out innovative solutions for materials and component testing directly on site—with over 180 exhibits you can interact with live.
- **Discover diverse solutions:** Get a comprehensive overview of current applications and technologies across more than 3,500 m<sup>2</sup> of exhibition space.
- **Secure a technological edge:** Learn how AI, automation, and digital solutions are unlocking new potential in quality assurance

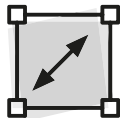
- **Gain knowledge that moves you forward:** Take advantage of approximately 70 expert presentations on the latest trends and challenges in quality assurance—specifically tailored to various industries.
- **Expand your network:** Exchange ideas with fellow professionals, users, and international experts in a relaxed atmosphere and build valuable connections for your business.

Use testXpo as a platform to find solutions for improving your processes and securing your competitive edge.



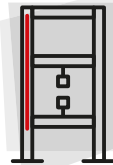


**3,500 m<sup>2</sup>**  
exhibition area featuring 9  
industry/application centers



**70**

expert presentations from  
industry and scientific



**180+**  
exhibits



**1,500**  
visitors from 50+  
countries every year

**15**

Co-exhibitors

**9,200**  
snacks & hors d'oeuvres  
over 4 days



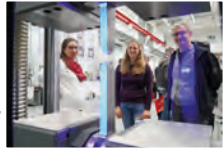
# Your testing application in focus

Explore 10 industry and application centers!



## Composites

We will present over 25 different test methods for the mechanical characterization of fiber-reinforced composites and sandwich composites. Discover the benefits of various test tools and extensometers—along with many other highlights.



## Metals

You will find a variety of solutions for tensile testing (including fully automated or for high-temperature testing), hardness testing, and fatigue testing. Through 40 exhibits, visitors can witness the efficient and reliable testing of flat and round specimens firsthand.



## Plastics

Discover our complete lab for mechanical testing of polymers, films, and elastomers across 20 live exhibits: Static and dynamic testing machines (including with temperature control), extrusion plastometers, pendulum impact testers, and more.





## Pharma and medical technology

Experience over 20 testing machines live—from simple systems to fully-automated solutions—for therapy systems, catheters and stents, as well as biomemechanics. Learn more about how we can support you with URS and qualification.



## Automotive/E-mobility

From high-strength steels and aluminum alloys for lightweight construction to tests for battery systems and electric drives Discover a wide variety of testing solutions for all automotive/mobility segments.

## Other application centers

**Hydrogen:**  
Various solutions for testing under pressurized hydrogen up to 1000 bar

**Battery:**  
Testing solutions for cell components, battery cells, and battery modules

**Defense:**  
Testing technology for safety-critical applications

**Construction materials:**  
Various testing solutions for concrete, cement, and other materials

# Experience innovation

180 testing solutions you can experience firsthand

## Hardness testers



**Pendulum impact testers and drop weight testers**



**Extrusion plastometers**



**Static materials testing machines**

**More than just a trade show—A true hands-on experience:** testXpo offers interactive experiences with testing technology. Explore nearly 180 testing machines and instruments under real-world conditions, try them out for your-

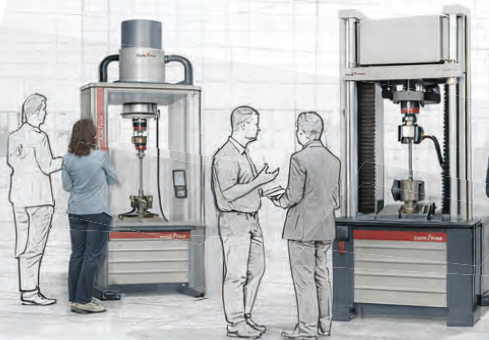
self, and discover our wide range of modern testing solutions. By engaging directly with our experts, you'll gain valuable insights—from versatile accessories and simple testing machines to fully automated testing systems.



## A look behind the scenes

Each expo day, you will have the opportunity to tour our production and assembly facilities, as well as our laboratories.

### Dynamic and fatigue testing machines



### Automated testing systems



### High-capacity testing machines up to 2,500 kN



# Get a head start on tomorrow's testing technology—today.

**Artificial intelligence, automation, intelligent data management**

A Zwick/Roell robotic arm is shown in the lower-left corner, holding a red and white marker. The background features faint technical drawings.

**How will testing evolve in the years ahead? Shape the future with us!**

One thing is certain: It will become more digital, more connected, and increasingly automated. But what does that mean for your business?

Integrated throughout various stations as well as in a dedicated exhibition area of testXpo, we will demonstrate how our digital

and automated solutions can make your test processes more efficient, transparent, and resistant to errors.

See how different machines can be intelligently networked and discover the added value that comes from analyzing test and machine data. We'll also show you how artificial intelligence supports your testing processes—all the way to the key steps toward an autonomous laboratory.



**More than a vision—Experience solutions live in action at testXpo**

- Use of AI during testing and evaluation
- Fully-automated/automated testing systems
- Modern predictive maintenance functions
- Innovative data analysis and management solutions

AI is t  
is t

Try our ne  
for the ne



# n Testing the Future *Now*

AI-based assistants  
next level of testing

Concept  
Machine

AI

## World premiere at testXpo

The world's first AI-assisted tensile test – our vision for the future of materials testing. We presented this concept machine at last year's testXpo. Make sure to stay tuned — another major step toward the future will be presented this year!



Direct link  
to video

# Presentations

## Concise, hands-on, relevant

Experience a unique platform for in-depth knowledge exchange and new perspectives. With over 70 practical presentations, this event offers in-depth insights and immediately applicable expertise. The ideal combination of a machinery exhibition and an engaging presentation schedule creates opportunities for discussion, inspiration, and concrete solutions. Experts from ZwickRoell as well as renowned external guest speakers from the areas of industry and scientific research will present the latest on standards, product news, best practices, and much more.

- **Approx. 20 presentations per day**
- **20-minute presentation + 10-minute Q&A**
- **German & English**
- **Various topics across numerous industries and applications**



**Trends**  
**Discussions**  
**Q&A**  
**Insights**



Experts  
Networking

Zwick / Roell

Toni / Technik

KISTLER  
measure. analyze. innovate.

IfEP

Zwick / Roell  
EMCO-TEST

NETZSCH

WERKSTOFFSERVICE

KARL DEUTSCH

B  
BASSETTI

GMA  
A MEMBER OF FRUTAG

SK

ATLAS  
MATERIAL TESTING SOLUTIONS

ZEISS

spineserv  
Medical Device Testing and Services

CATS<sup>3</sup>

Gollub  
Werkstoffprüfung GmbH & Co. KG

polymerphys IK

Our co-exhibitors

