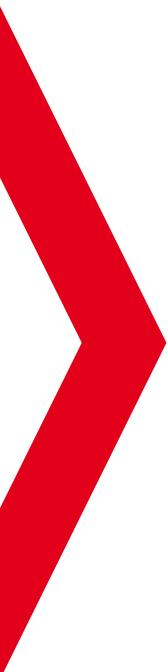




# Smart Testing & Measurement



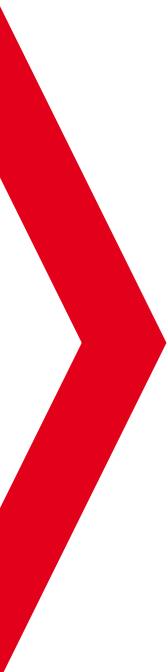
Test with the Best.



High-voltage AC/DC,  
PE/GB-resistance,  
Insulation resistance,  
Leakage current, Voltage,  
Current, Power,

## Electric safety and function test systems

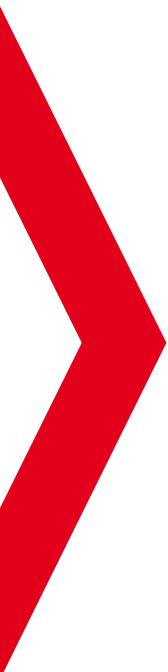
Function, Short circuit,  
Special tests,  
Mechanical tests,  
Visual inspection...



Surge voltage,  
Partial discharge,  
High voltage AC,  
Resistance,  
Insulation resistance,

## Test systems for windings and electric motors

Speed, Sense of rotation,  
Power, Current consumption,  
Inductance, Thermal bonding,  
Vibration...



No-load,  
Load,  
Torque,  
Dynamometers,  
Crash-test simulations,

## Automotive, Electric mobility, Charging technology

HV-battery-pack tests,  
Charging cables,  
Charging stations...



120 qualified employees  
State-of-the-art production technologies  
13,000 m<sup>2</sup> factory site  
6,500 m<sup>2</sup> shop floor  
Certified according to ISO 9001 since 1998

## A company with a history.



A milestone in 1987:  
The first DOS-PC-controlled  
surge tester MTC2 with 6000 V.

Company foundation  
by Karl Schleich

1952

Foundation of  
SCHLEICH GmbH by  
Martin Lahrmann and  
Karl-Dieter Schleich.  
Strategic focus on  
developing and  
manufacturing electric  
testing devices

1968

Development of the first  
coil-winding machine

1982

Development and  
market launch of the  
1<sup>st</sup> generation of  
MotorAnalyzers

1985

Design and production  
of the first testing  
devices with integrated  
PC

1987

Implementation of the  
quality management  
system DIN EN ISO 9001

1995

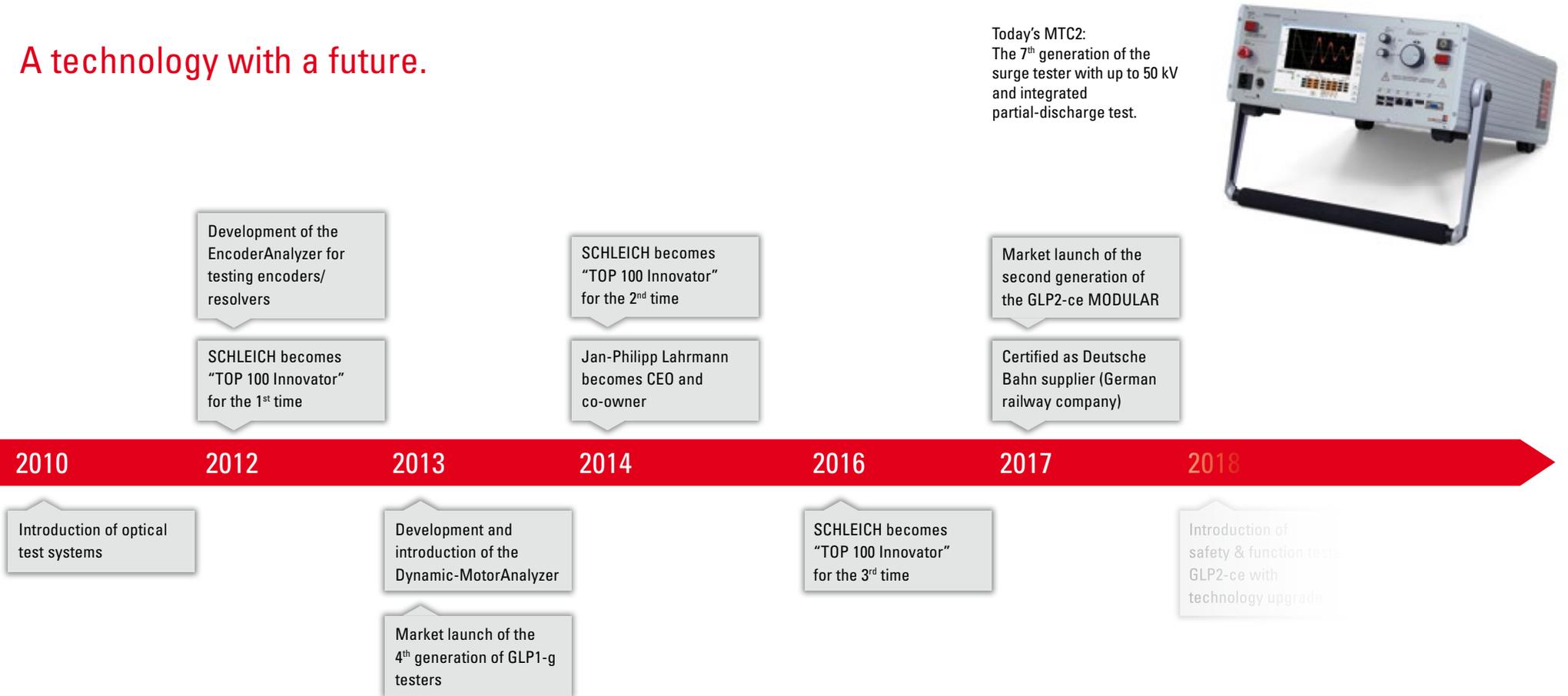
Introduction of the  
first testers with touch  
display

1998

Market launch of the  
first surge tester with  
integrated partial  
discharge

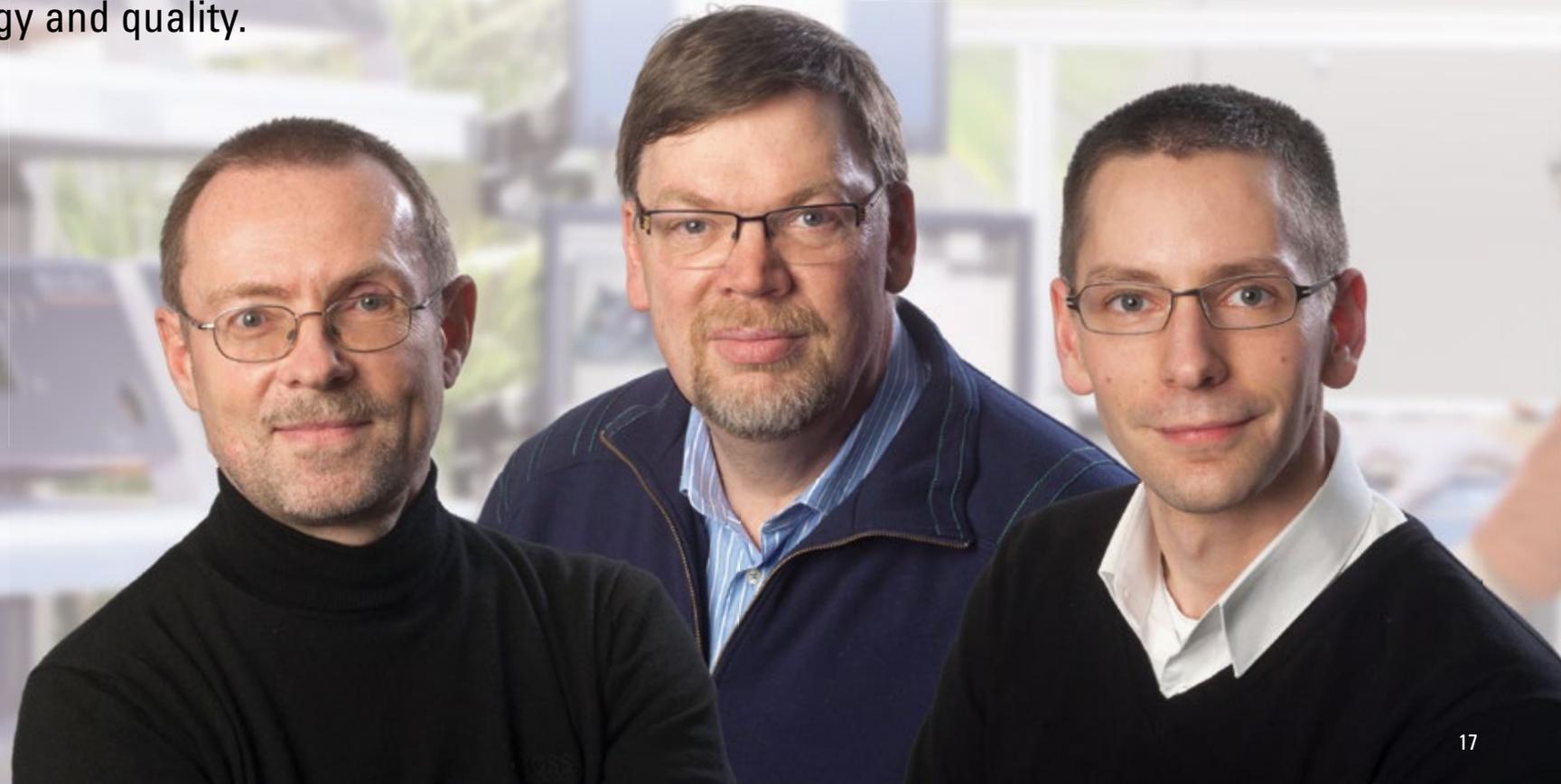
2005

## A technology with a future.





Our focus is clear:  
Maximum customer satisfaction by  
leading in technology and quality.



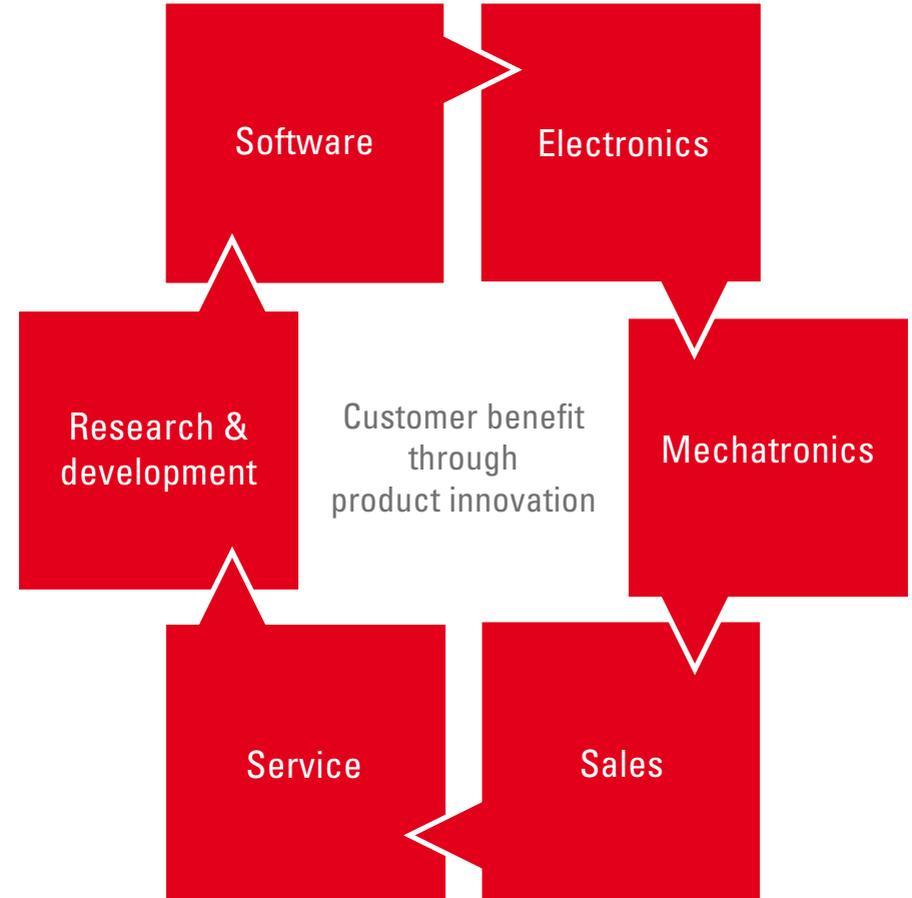
Our managing directors:  
Martin Lahrman  
Karl-Dieter Schleich  
Jan-Philipp Lahrman

## Innovative Engineering.

For more than 60 years, SCHLEICH have been pioneers in measurement and testing technologies – always looking for new challenges. Lateral thinking is allowed and encouraged.

Our innovative capacity results from the dialog with our customers and from pooling our competencies across all departments. This keeps technologically sophisticated improvements and innovations coming.

SCHLEICH belongs several times to the TOP 100 – the award for Germany's most innovative companies.



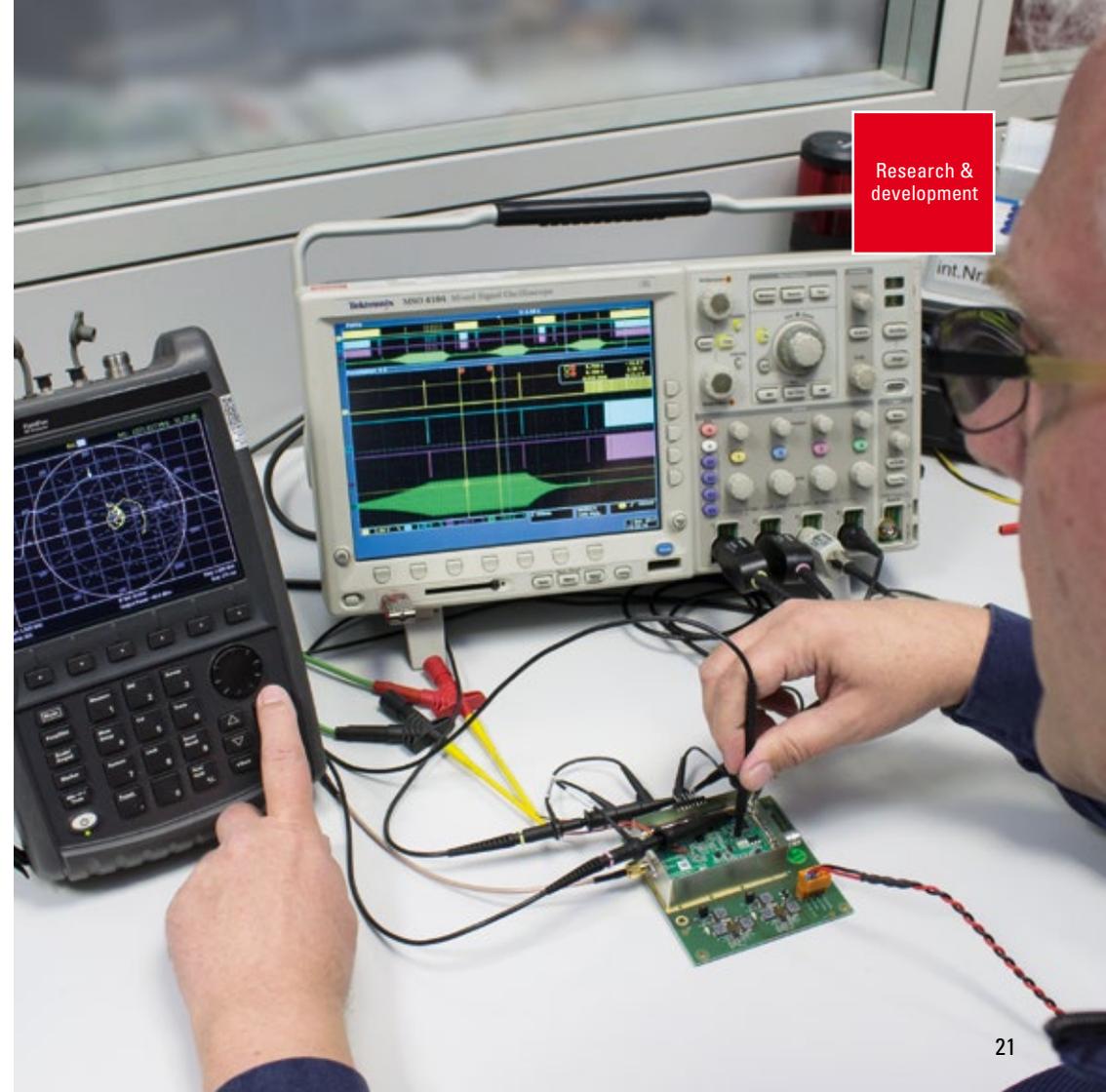
## Curiosity, creativity and inspiration.

SCHLEICH permanently faces the challenge to develop new technologies.

Our engineers and developers work with a great amount of curiosity, creativity and inspiration. Each component, module or circuit is specified, tested and perfected.

This is how your requirements become technological innovations.

The focus of our activities is always customer value, and that is far beyond usual standards. This is how we became a valued development partner for our customers.

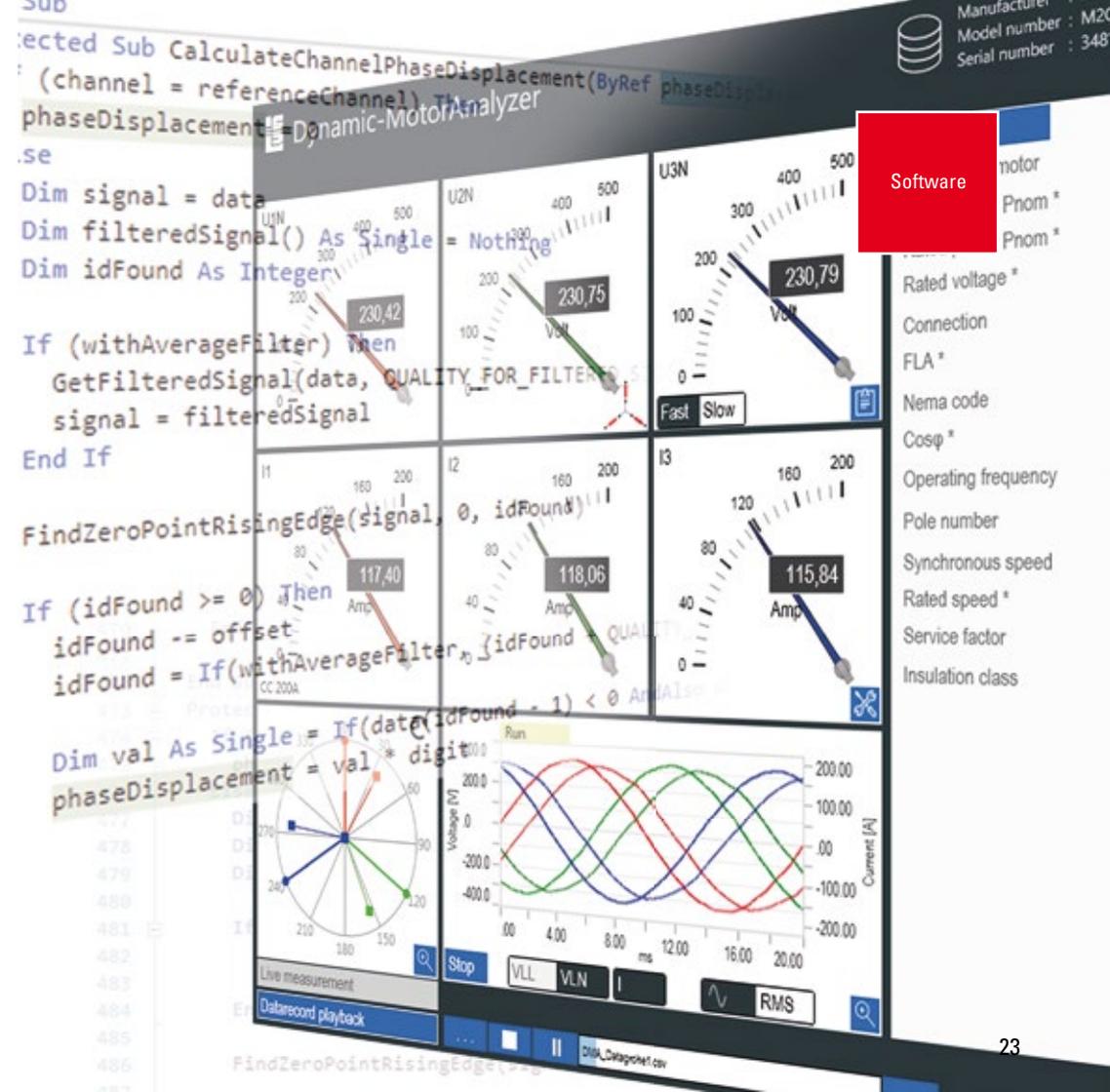


## Smart solutions.

SCHLEICH products make an impression – not only with their excellent design and quality, but also in every-day use. Measuring and testing tasks must be performed as quickly, easily and precisely as possible.

A convenient and intuitive operation of the devices is crucial. To guarantee top usability, SCHLEICH's software follows the "KISS-principle": Keep it Simple and Smart.

Our software developers are not only specialists for programming technologies; they are also able to adapt to the skills of the respective user.

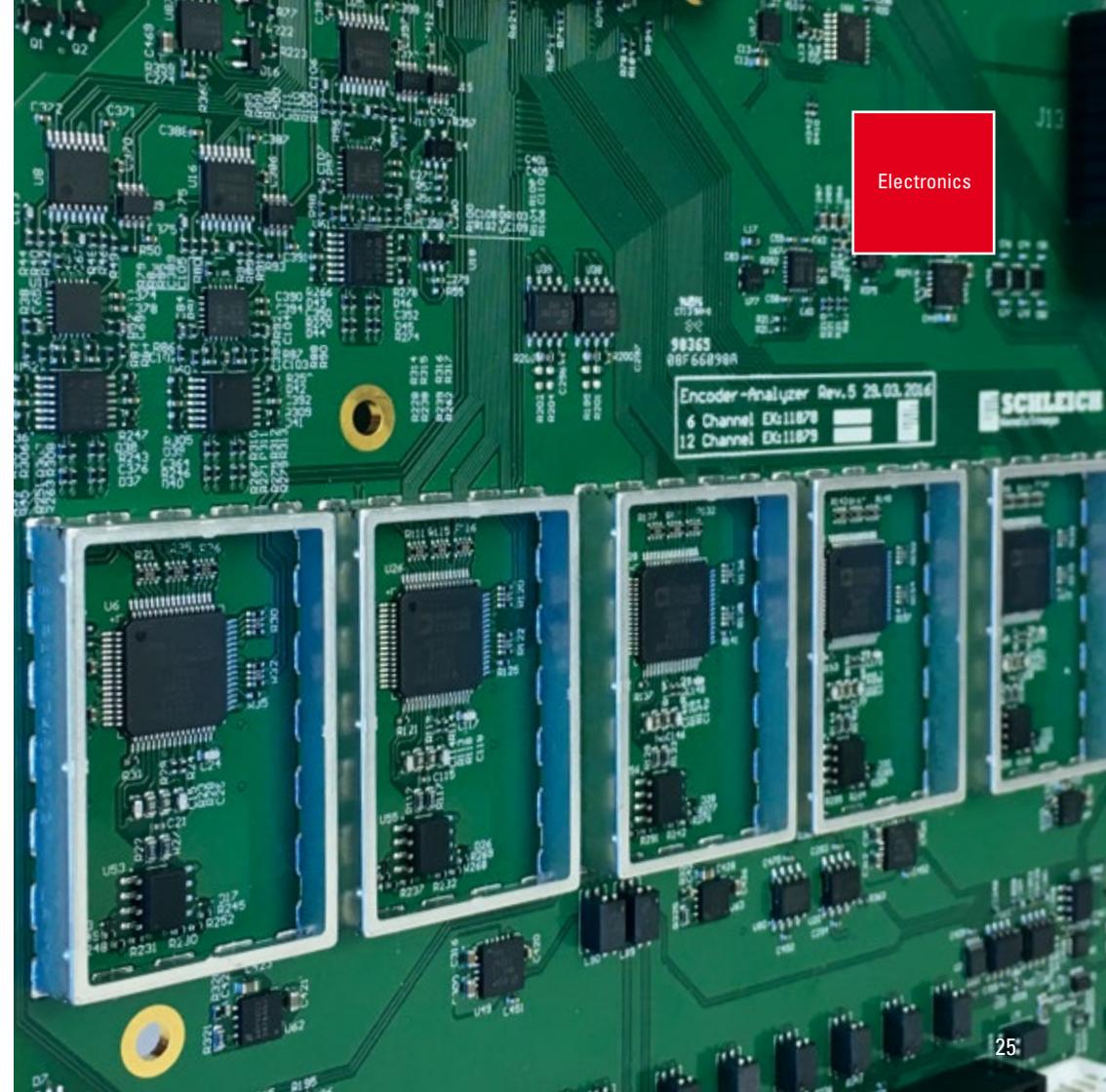


## The centerpiece.

The heart of every SCHLEICH tester is the electronics.

Digital high-performance measurement is a core competence of SCHLEICH. All electronic modules are in-house developments and are optimized in respect of their applications. With premium-quality components and high-end processors, all products are exclusively made in our own factory.

Efficiency and effectiveness along your production line is always our focus. We achieve this with reliable and high-precision measurement technology and fast cycletime.



## A one-stop source.

SCHLEICH develops tailor-made solutions to perfectly match your testing task.

Hardware, software, mechanics, sensors and process control are all made by us. Test technology, DUT fixtures, special contacting units etc. are perfectly matched.

Our departments: electronic, mechanical design and mechanical production form an efficient project team supplying you with the optimum solution.

In order to be able to react to your requests quickly and competently, we keep our know-how on board. "outsourcing" is not part of our vocabulary.



## Global presence.

SCHLEICH operates worldwide and is present on all main markets. Our main focus is on continuous customer care and first-class advice.

Worldwide, we are exclusively working together with over 35 partners. Thus, our customers find a competent contact person wherever they are.

Across all time zones, borders and language barriers, we offer you a wide network of SCHLEICH competence. That makes us proud.



## Top-class service.

SCHLEICH convinces with sophisticated technologies to meet the highest demands – offering competent customer service worldwide! From optimum customer advice during the planning phase to training and after-sales service – our team of specialists supports you during the entire process.

- Installation and commissioning of the testing device or test system
- Technical support – by phone, on-line or on-site
- Calibration service on-site, in-house or as on-line service worldwide
- Maintenance service for hardware and software
- Repair and spare-parts services

Wherever you are – our Service Centers are there to support you.

Service



One source. All test solutions.

## Perfection in series: Standard testing devices

Most testing tasks can be performed with our standard testers, designed for one or up to more than 20 test methods. Based on many years of experience, we produce an extensive range of pre-defined testers with intelligent test-method combinations.

SCHLEICH's standard is high-precision and state-of-the-art measurement technology.



## Custom-made perfection: Individually configurable test systems

Based on the SCHLEICH MODULAR CONCEPT, we offer you a nearly infinite variety of winding, safety and functional test methods that can be combined in one test system.

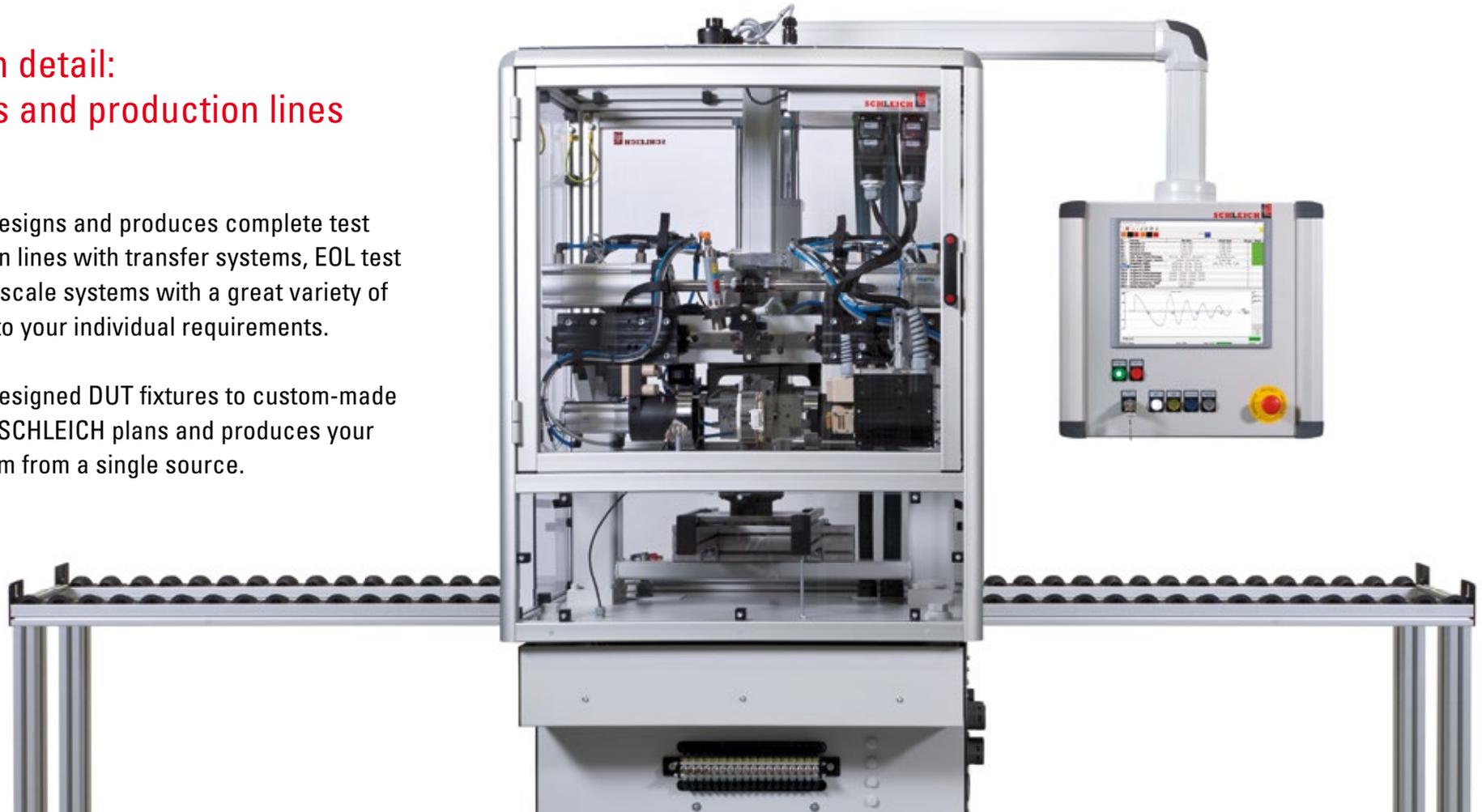
SCHLEICH is the solution provider for your individual task.



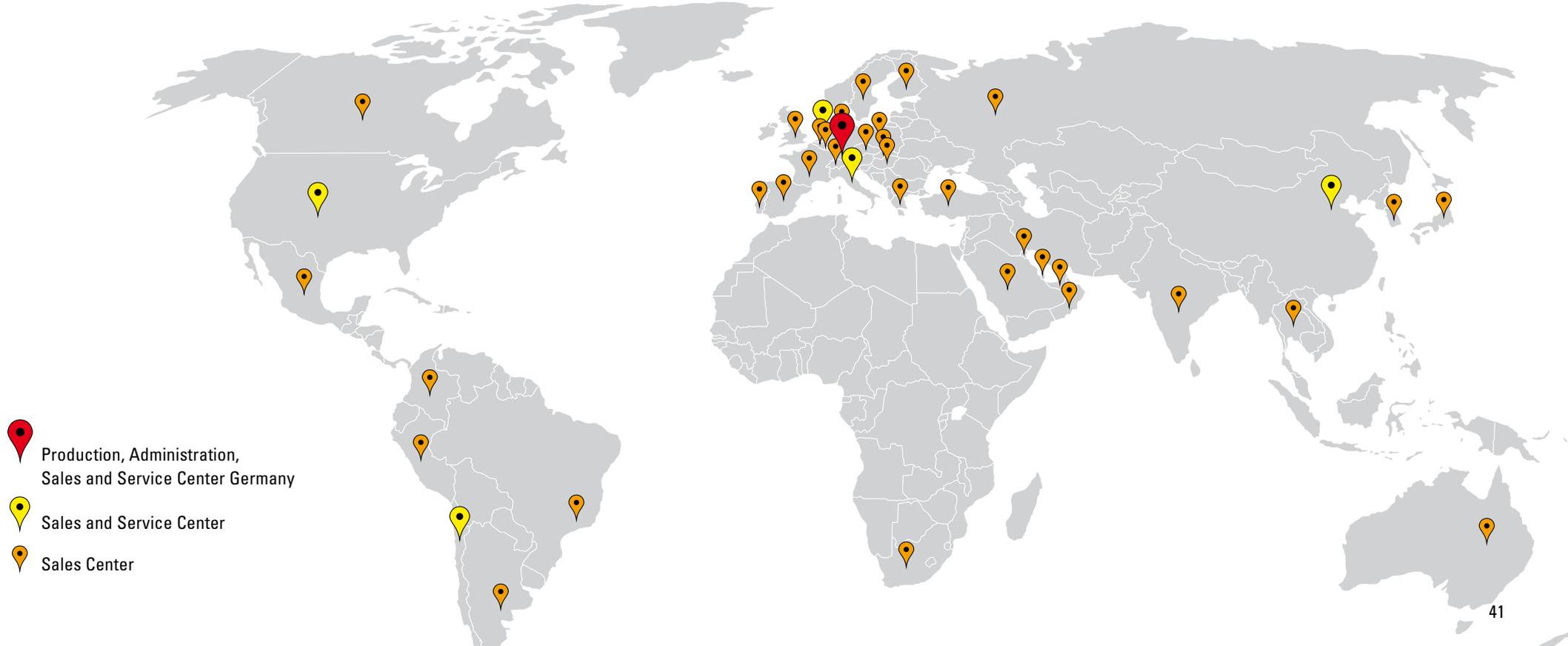
## Perfection in detail: Test systems and production lines

SCHLEICH plans, designs and produces complete test stations, production lines with transfer systems, EOL test stations and large-scale systems with a great variety of testers according to your individual requirements.

From individually designed DUT fixtures to custom-made contacting units – SCHLEICH plans and produces your turn-key test system from a single source.



## Sales and Service Centers





## Renowned companies around the world trust in our products.

ABB	Bernal Tore	Elin	Heidenhain	Lenze Antriebstechnik	Novoferm Tore	Salzgitter AG	VDO
ABM	BMW	ELNOR	HILTI	LEONI	Oase Pumpen	Sauer-Danfoss	VEM
AEG-Milwaukee	Bombardier	Embraco	Hirschmann	Leroy-Somer	Ocean	Schabmüller	Vestas
Airbus Industries	Bosch	Enercon	Hoffmeister-Leuchten	Liebherr Aerospace	ÖBB	Schorch	Volvo
Alcatel	Braun	Engel	IFM	Loher	Osram	Severin	Vossloh-Schwabe
Alstom	BSH	ERCO	Ihne + Tesch	Lufthansa	Papst	SEW	VW
AMK	Caterpillar	Fagerhult	INA	Maiko	Partzsch	Siemens	WAP-ALTO
Arcelik	Continental	Fagor	Indramat-Rexroth	MAN	Philips	Siemens Wind	WDR
Arcelor-Mittal	Daimler	Fein	inmotion	Manchester University	Philips medical	Power	Weidmüller
Artemide	Danfoss	Festool	Jaguar	Marsilli	Phoenix Contact	Staff	WEG
Ascoll	Dematic Cranes	Franklin Electric	Kärcher	MDEXX	Preh Automation	Stöber	WILO
ATB	Delphi	Gardner Denver	KaVo	Mercedes	Porsche	TCM	Zanussi
ATOP	Deutsche Bahn	Gaggenau	Kessler	Miele	Renault	Tecumseh	Zeiss
Audi	DOM	GE General Electric	Kone Cranes	Motory International SRO	Rexroth	TEE	ZF
Aumann	Dometic	Gildemeister	Kress	Murr Elektronik	Rittal	Trilux	Ziehl-Abegg
BAG	Dräxlmeier	Grohe	KSB	Nettelhof	Rotomatika	Thyssen-Krupp	Zollner
Bals	ebm Pabst	Grundfos	Land Rover	Nidec	SBB	TÜV	Zumtobel
Baumüller	E.G.O.	Hanning	Lapp Kabel	Nilfisk	Saeco	UPS	
Becker Antriebstechnik	Electrolux	Heidelberger Druck	Leica	Nord Drivesystems	Salmsen	VDE	and many more...

2012  
2014  
2016



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Experts in Tests and Measurements



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