



The Power of Dynamic Testing



innovative
competent
reliable



Center of Competence



chassis

Exhaust systems

connection
technology



Steering systems



Internal
pressure



bogie

springs

Motor
components

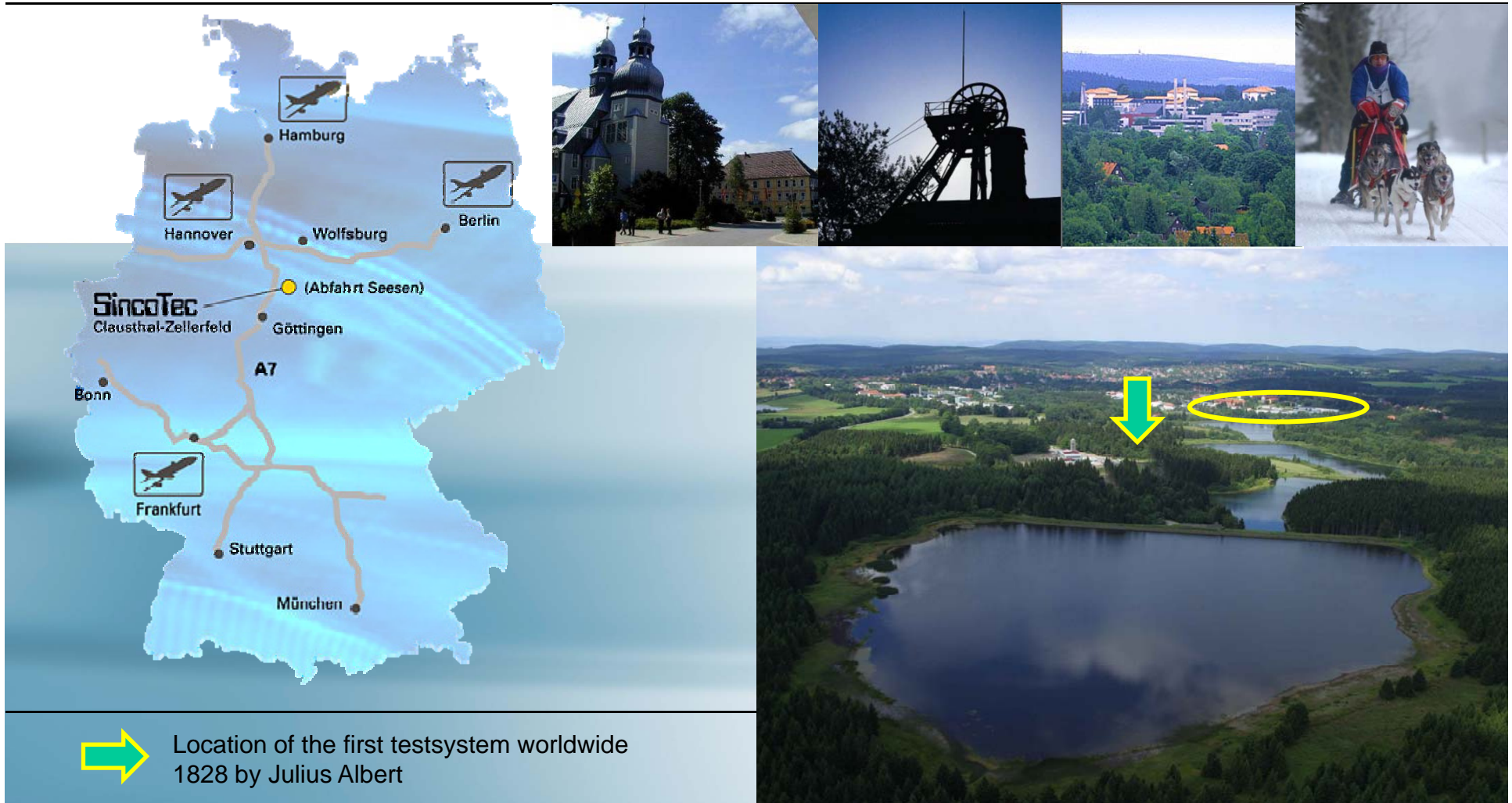


bearings

connections

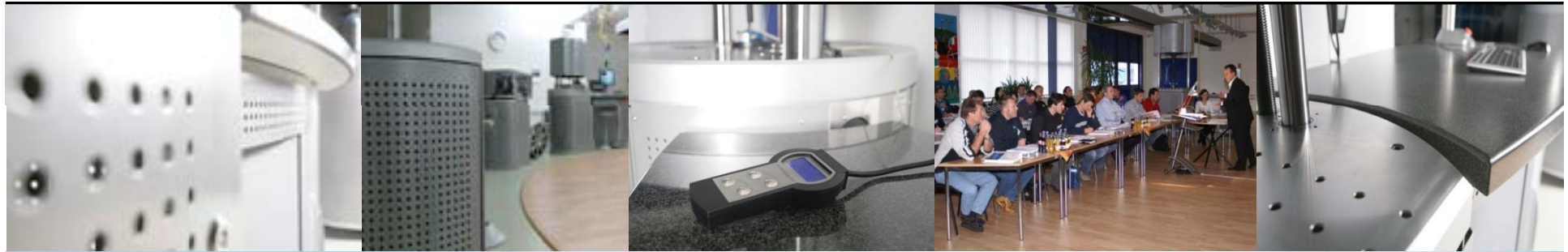


Company location – where we are placed?



Location of the first testsystem worldwide
1828 by Julius Albert

Sincotec Group



Test Systems GmbH

- Standard test systems
- Customisez test systems
- Innovative new development service
- More than 3000 test systems worldwide

Holding GmbH

Sinco Tec Süd
Engen

Sinco Tec China Ltd
Shanghai

Sinco Tec India Ltd
Pune

F & E GmbH & Co. KG

- Research & Development of new test systems and -methods
- side in Ilsenburg

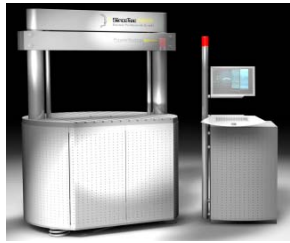
Test & Engineering GmbH

- 120 test machines are available for our customers for each scope of application . Customisez test systems
- seminars
- analyses
- test specifications



Sincotec

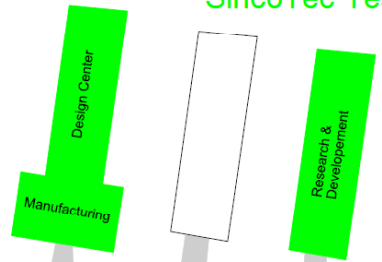
The Power of Dynamic Testing



Company location

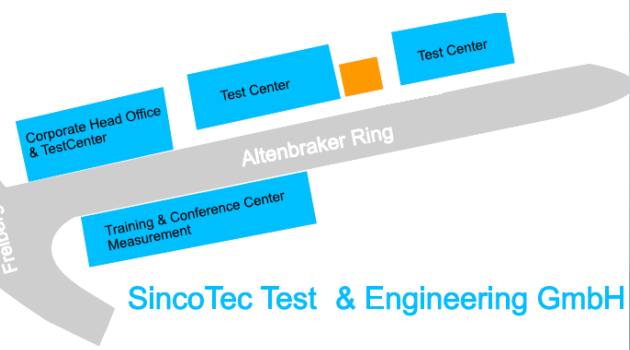
Test & Engineering

Sincotec Test Systems GmbH



Albrecht-von-Groddeck-Straße

Freiberger Straße



Sincotec Test & Engineering GmbH



Test Systems





Company location



- located in Clausthal-Zellerfeld, in the middle of Germany
- 100 employees , 70 in the headquarter
- Test und Engineering Center with 120 test machines
- 12 agencies worldwide
- More than 3.000 test systems worldwide in use





SincoTec Test Systems

Manufaktur



**Albrecht-von-Groddeck Str. 1
38678 Clausthal-Zellerfeld**





SincoTec Research & Development



**Papenhecke 20
38871 Ilsenburg**



Sincotec

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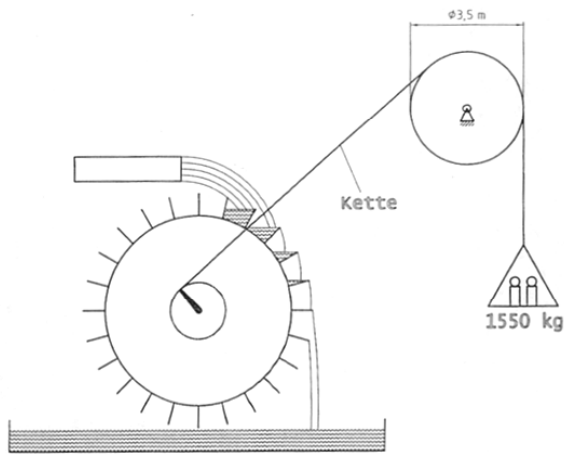
Range



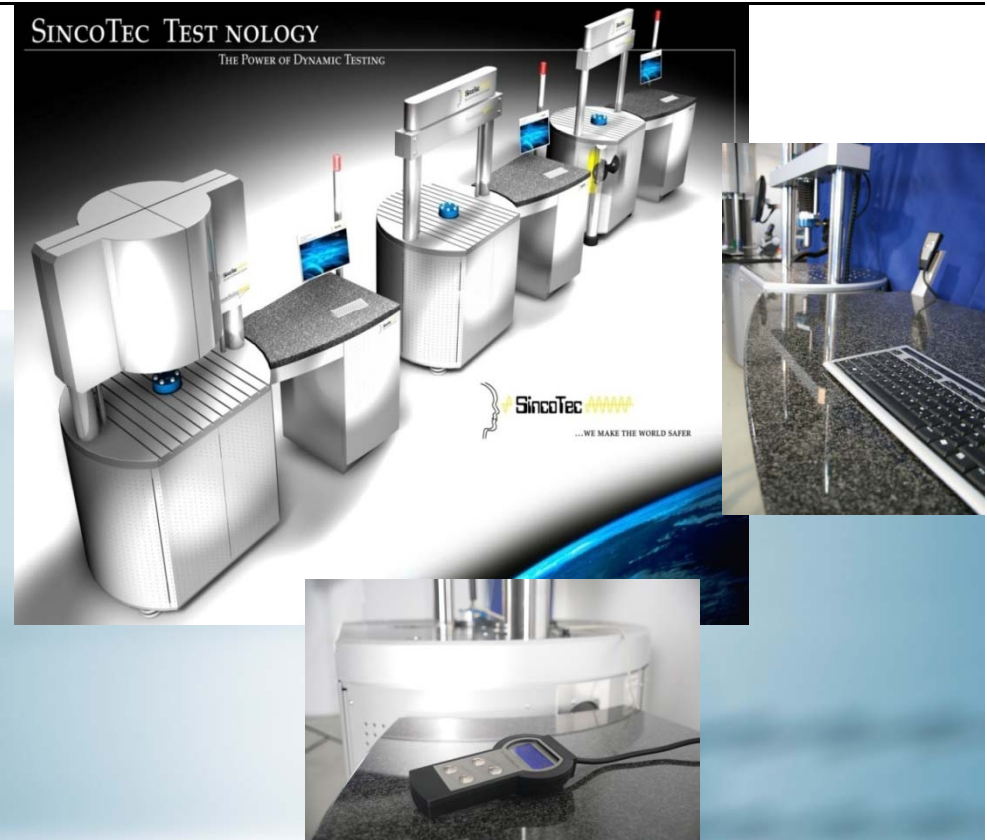
Test & Engineering	Test Systems				
	products	industry range	subassembly	components	service
range	highfrequency-pulsators	automotive	engine	conrod	seminars
equipment	resonance testsystems	trucks	chassis	crank- and cam shafts	consulting
	servohydraulic	rail way	power train	bearings	calibrations
	servopneumatic	wind power	steering	springs	maintenance
	spindleactuators	medicine, orthopaedics	exhaust system	screws	
	rotating bending systems	building	fuel systems	attachment parts	
	innerpressure systems	aeronautics	interior	welded joints	
	customized test systems	machines		material specimen	
	clamping devices	ships			
	software/ measurement				



Dynamic testing – yesterday and today



1828



2011



Test systems - POWER products

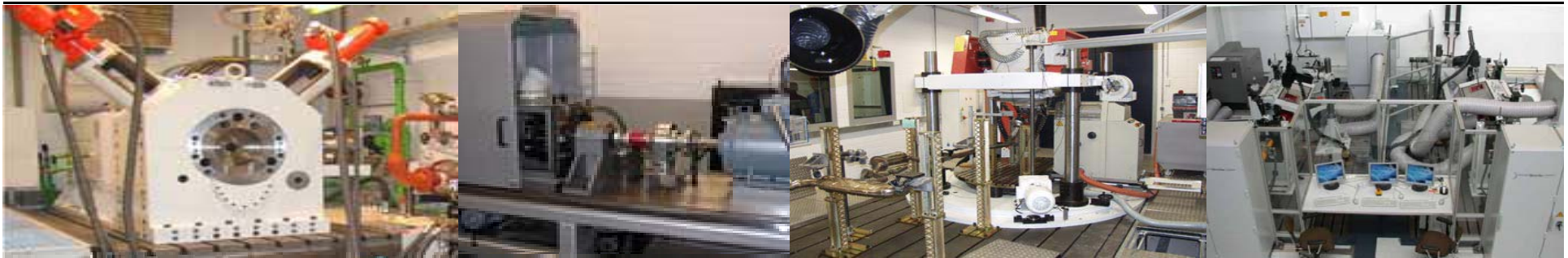


One modern design – five innovative drive systems – hundreds of applications

- POWER SWING MAG
- POWER SWING MOT
- POWER FLOW
- POWER AIR
- POWER DRIVE



Test Systems GmbH – special products



Sincotec offers in addition to their standard products a wide spectrum of customized special test systems:

- Steering test systems
- Spring test systems
- Friction bearing test systems
- Internal pressure test systems
- Coupling test systems
- Seat test systems
- Railroad wheel test systems
- Stabiliser test systems
- Exhaust test systems
- Cat test systems
- Chassis test systems
- Valve test systems



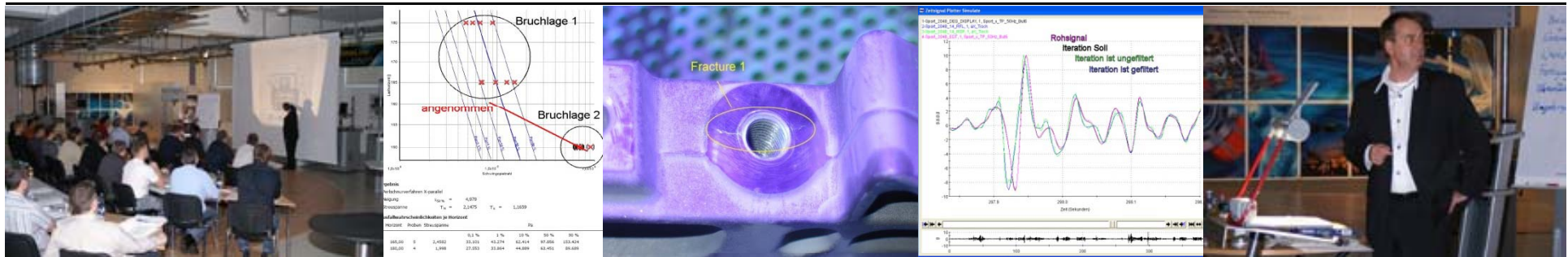
Test & Engineering Center GmbH



The Sincotec Test & Engineering Center GmbH is available to verify the resilience and reliability of parts and assemblies.

- Accredited test lab
- 120 test systems
- Developing of test procedures and standards
- 7 days and 7 nights per week
- Stresses of 0,01N to 1.000kN, from 1Nm to 250.000Nm
- Internal pressure up to 4.000 bar





Sincotec Holding GmbH supports and advises you in all questions regarding fatigue strength:

- Fatigue strength seminars
- Low cycle fatigue strength tests
- Lifetime estimation
- Environmental simulations
- Crack detections and damage analyses
- Developing of test procedures and standards
- Rendering of opinions



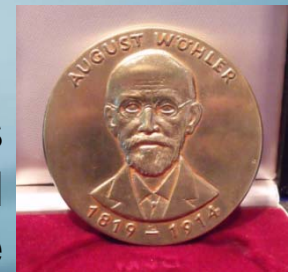
Awards



1995 IHK technology transfer price
for innovative test technology
includes prize money of 20.000 DM

2007 August-Wöhler Medaille

for achievement in the field of materials
engineering, fatigue endurance limit and
fracture mechanics as well as there
realization in the professional enviroment

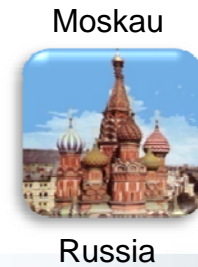
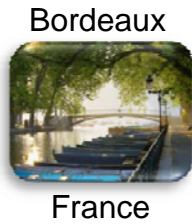




Customer - worldwide



Agencies



Sincotec

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References



DAIMLER



HYUNDAI



Automotive PKW:

Volkswagen – Audi – Porsche – Daimler – BMW – Ford – Opel – Skoda – Fiat – Hyundai – A.Kaiser – Albonair – Allgaier – AMG – Anvis – Arvin Meritor – AVL – Schrick – Bayrah Plastik – Benteler – Borg Warner – Bosch – Boysen – Brand KG – Componenta – Continental – ContiTech – DEKRA – Döktas – Dura – Eberspächer – Eibach – ElringKlinger – FAG – Faurecia – FAW – Feuer Powertrain – Freudenberg – Fritz Winter – GAT – Georg Fischer – GKN – Häusermann – Hegenscheidt – Hengst GmbH – Hirschvogel – Hoeckle – Honghu Muffler – Honsel – Hydraulik Ring – IAV – IFT – Iljin – INA – INERGY – Isringhausen – Jenbacher – Joma – KAMAX – Kolbenschmidt – Kongsberg – Koyo Seiko – Luk – Magna Cosma – Magna Powertrain – Magneti Marelli – Mahle – Mann + Hummel – Mollificio Bergamasco – Moog – Mubea – Ningbo Jianxin Vibration – NSK – NTN – Otto Schnell – PANKL – ParsMillang – Rautenbach – Ricardo – Rücker GmbH – Sachs – SAPO – Schaeffler – Scherdel – Schrick - SM Sintermetall – ThyssenKrupp – TI Automotive – TRW – VibraCoustic – Vorwerk Autotec – W.E.T. – WABCO – Walzwerk Finow – Wanxiang – Westfalia – WHB – Winkelmann Powertrain – ZF Boge – ZF Friedrichshafen – ZF Lemförder – ZF Passau – ZF Sachs

Automotive NKW:

MAN – Scania – Arai – Behr – Bharat Forge – BPW – Cargobull – Cummins – Deutz – Ditas – EvoBus – Happich – MTU – Obereigner – Piezocryst – Voith Turbo – Woco

Orthopaedics:

Aesculap – Gömed – Otto Bock – Paradign Spine



Sincotec

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References



SCHAEFFLER

Railway:

Deutsche Bahn – Berliner Verkehrsverbund – Bochumer Verein – Bombardier – Bonatrans – CAF – Freudenberg – Hegenscheidt – KLV – Radsatzfabrik Ilsenburg – Rhein-Neckar-Verkehr GmbH – Siemens – Sumitomo Metals

Wind power:

Enercon – Hansen – Vestas

Aeronautics:

ALCOA – Cyperpower Ltd. – Johann Maier – KAMAX – Pankl

Universities/research institutes :

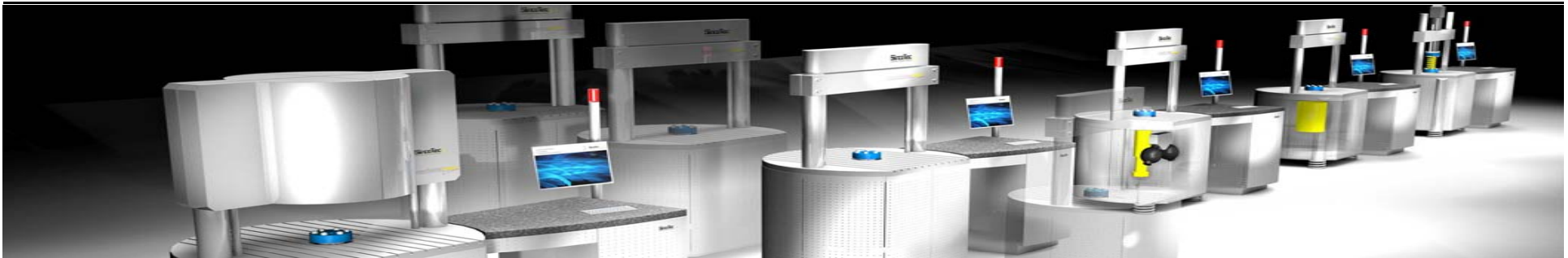
FH Esslingen – FH Mittweida – IMA Dresden – Politecnico di Torino – SZA – TU Braunschweig – TU Chemnitz – TU Clausthal – TU Darmstadt – TU Dresden – TU Freiberg – TU München – TU Stuttgart – Universität Leoben – Universität Wuppertal

Miscellaneous :

Barmag – BASF – Eberlein – Erasteel – Finsterwalder – GHH-Rand – Henkel Locite – Jungheinrich – K+V – Mannesmann Röhrenwerke – Piezocryst – Procter – Rohloff – Steinbeiss-Transferzentrum – Stihl – Thermo Fischer – TÜV Nord – Voith Turbo – WIP – Wittler – Zollern



Identification – testing is our passion



SincoTec is:

- Worldwide leader in resonance test systems
- Leading certified test laboratory and R&D center for fatigue testing
- One of the leading producers of servohydraulic and servopneumatic test systems

SincoTec is defined by:

- Customer orientation
- Technology orientation
- Reliable and qualified service



Philosophy



motion is our fascination

our life is in motion

the world is in motion

we make it safer !!!





See you in Clausthal !

