

Precision is our passion



Customized test systems and production equipment

for electronic production companies

www.mcf-technologie.de



Technologie GmbH

Facts and figures

▴ Precision is our passion!

We build complete test systems that make quality measurable. Tailored to your production requirements, our solutions combine innovative engineering, smart software and seamless integration.

From the first idea to on-site commissioning, we deliver everything from a single source – ensuring reliability, efficiency and lasting confidence in your production quality.

MCF

The measurement and
control factory

2006

founded

35

Employees and
trainees

DIN ISO 9001

certified

- Company headquarter in Ettlingen, Germany
- Sales and service in Niš, Serbia
- Worldwide delivery
- After-sales-service and support

Services

▴ Precision is our passion!



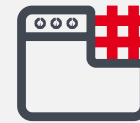
Project
development



Mechanical and
electrical design



Mechanical and
electrical production



Software
development

We offer our individual services on a modular basis or, if desired, implement the overall technical concept for your company.



Delivery and
installation



Trainings



After-Sales
Support

Our products

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Functional test

- For lab, production and quality control
- Turnkey systems with various mechanical adaptations
- From manual to fully automatic
- Testing of electrical and mechanical parameters



Assembly testing

- PCB test fixtures from low cost to high end
- According to customers requirements
- Automated import of PCB drilling data
- Standard adapter with exchangeable fixture kits
- RF adapter for WLAN, BLE, GSM
- Contact from below, above and side



Smart equipment

- Intelligent modular system for creating customer-specific test systems
- Standardized products from power supply to mechanical housing
- Quick and easy integration of customer-specific signal conditioning
- Field-tested products with plug-and-play functionality



01.

Whether low-cost or high-end, our systems meet all customer-specific requirements.

Our products

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Control cabinets

- Switch cabinets, switch-boards, 19" technology
- Individual production and small series
- Installation of intelligent bus systems
- Planning and documentation on request
- Testing and commissioning
- Functional and safety tests



Tailored systems

- Production of complete and partial systems
- 3D design with Solidworks
- Electrical planning with Eplan
- Modern CNC machinery
- Installation and wiring by qualified technicians
- Software development in C#, Python, LabVIEW and more



Low-wear contacts

- Plug replicas for manual and automatic contacting
- Low-wear and reliable contact connection
- ESD variants available
- Standard contacts available
- Customized design



02.

Mechanics,
electronics,
hardware and
software -
all from a single
source and in
highest product
quality.

kiT.X and Tap.X - our smart program

▲ Precision is our passion!

kiT.X Hardware

The Meaning of kiT.X

- KIT stands for a modular building set – every component is a building block
- X is the connector – symbolizing integration and interaction
- KI hints at Artificial Intelligence – ready for smart, data-driven applications
- X highlights openness and modularity

A name that embodies flexibility, future-readiness and system thinking.

kiT.X

Tap.X Testsoftware

The Meaning of Tap.X

- TAP stands for test automation platform – the digital backbone of every system
- X is the connector – uniting modules, functions and data flows
- Inspired by openness and modularity, just like kiT.X
- Built for scalability, adaptability and integration

A name that represents clarity, intelligence and control.

Tap.X

03.

Modular hard- and software to build your own testsystem.

Our advantages for you

▴ Precision is our passion!

For 20 years, we have been working successfully with customers from the automotive, medical technology, sensor technology, industrial manufacturing and energy technology industries.

We place great value on partnerships between equals and offer our customers the following advantages:

- ✓ All services from a single source
- ✓ A single point of contact for your project
- ✓ Quick response to changing requirements
- ✓ Years of experience in test system design
- ✓ Technically trained specialists in all areas

We will be happy to send you references upon request.



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