

Press Release			 ELEKTRONIK GMBH
MCD Elektronik GmbH Hoheneichstr. 52 – 75217 Birkenfeld Tel. +49-7231 78405-0 – Fax: +49-7231 78405-10 Managing Director: Dr. Thomas Däubler	Ausgabedatum: 19.09. + 12.11.2025	Seite 1 von 2	
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elektronik industrie und elektroniknet.de	Rückfragen an: Anja Erler-Szegedi anja.erler-szegedi@mcd-elektronik.de		

MCD Elektronik – Functional testing reimaged: Intelligent test systems for demanding electronics applications

As electronic assemblies become increasingly complex and powerful, quality assurance grows ever more important. MCD Elektronik GmbH, based in Birkenfeld near Pforzheim, offers flexible functional test systems tailored to customer requirements. In automotive, medical, smart home, and industrial automation, MCD solutions ensure reliable, safe and high-quality products.

Intelligent testing solutions

Functional test systems (FCTs) enable comprehensive testing under near-real conditions. They simulate operating scenarios, measure signals, control interfaces, and collect data—checking functionality, programming, and logging each item. Whether control boards, radio modules, or power electronics, MCD delivers precise results essential for modern electronics quality assurance.

In-house expertise

MCD develops hardware and software entirely in-house. Expertise in exchange kits and interface adaptation allows customized solutions for CAN, USB, RS232, ZigBee, WLAN, or Bluetooth. Wireless adapters intelligently route all signals via central connector interfaces and complete tailored solutions are developed for special requirements.

Modular, efficient, future-proof

MCD systems combine state-of-the-art measuring devices, control PCs, test adapters, and intuitive user interfaces. The MCD TestSuite software integrates MCD TestMate, MCD Comet and MCD TestManager, ensuring consistent data logging and audit-proof documentation.

Applications

From smart home Wi-Fi devices to automotive infotainment and medical electronics, MCD systems handle functional, high-frequency, optical, and haptic tests. Solutions like combined programming and test stations save time, reduce errors, and increase production reliability.

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About MCD Elektronik GmbH:

MCD was founded in 1983 and supplies complex testing and automation technology worldwide. The systems are used by both well-known corporations and medium-sized companies for the production and testing of electronic and mechatronic assemblies.

MCD Elektronik at the *productronica*, Hall A1, Booth 155

1.735 Zeichen inklusive Leerzeichen



MCD test systems in series: modular, flexible, and developed to meet the highest quality requirements from single stations to complete production lines.

Kontakt für die Presse:

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