

Test Stands

Custom made, of high practical relevance and reliability



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because performance counts





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Based on broad and complete spectrum of hardware and software systems HOERBIGER Elektronik offers costume made complete solutions. All out of one hand.

Application experts design up-to-date systems which are optimized for the special tasks of the customer's requirements, and which are prepared for adaptation of future needs.

Professional engineering guarantees turn-key solutions to the customers thus enabling start of production without delay. This is a highly estimated surplus.



Seat test stands

HOERBIGER test stands of this category control all functions of seat, before mounting it to the vehicle. The system collects data on traverse path, Pressure tightness of bladder mats, and the correct mounting and safe functioning of children and occupant weight. The diagnosis of electronic control units is included.



Door test stands

Vehicle doors are taking new and more and more complex tasks. This requires testing of the sub-system 'door' after at the end of production line. Systems made by HOERBIGER clearly offer remarkable advantages: from the window moving function over adjusting of mirrors up to testing the loudspeakers – nothing is left to chance

Driving cab test stands

When a driving cab is completed it has to undergo a final and comprehensive end-of-line test. In this HOERBIGER test stands demonstrate all their abilities: they inspect all electrical components and control units and document resp. archive all interesting test results.

Flash Stations

For OEMs it is increasingly important to provide control units with programs and data parallel to the assembly process of the vehicle. HOERBIGER flash-stations offer the desired flexibility as well as the required speed and reliability.

Cockpit-Test stands

Before mounting cockpits are tested through their paces. The HOERBIGER test equipment examines all functional electronic devices and control units on their correct installation and functioning. Combination instruments, visual signals, switches and fuses are checked as well as f.e. electrical contacts.

Seat Test Systems

... for testing all functions of a seat before mounting in to the vehicle

- Cable loom
- Electronic control units (diagnosis)
- Travers path
- Pressure tightness of bladder mats
- Airbag, CAK, pretensioner
- Heating, ventilation, Lighting, belt
- Children and occupant recognition (weight)


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Door Test Systems

... for testing of door functions and electronic components before mounting into cabin

- Communication with ECUs (CAN)
- TeachIn functions (movement of windows)
- Test of electrical consumers via measuring current (ECOS)
- Test of electronic components


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Cockpit Test Systems

... for testing of cockpit functions and electronic components before mounting into cabin

- Communication with ECUs (CAN, K-Line)
- Parameterisation of ECUs (CAN, K-Line)
- Test of
 - Cable loom
 - Connectors
 - Switches, fuses, relais
- Test of electrical consumers via measuring current (ECOS)


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Driving Cab Test Systems

*... for testing of electronic components
and ECUs in the driving cab*

- Communication with ECUs (CAN, K-Line)
- Parameterisation of ECUs (CAN, K-Line)
- TeachIn functions (accelerator, brake pedal, key)
- Test of electrical consumers via measuring current (ECOS)


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Flash Stations

*... for testing of specific vehicle segments
(individually parameterable)*

- Parameterisation of Electronic Control Units (ECU)
- Diagnosis of automotive electronics
- Connection to diagnosis interface
- communication with data server via WLAN


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Valve test stand

HOERBIGER Elektronik is a specialist for diagnostic and test systems, control technology and industrial electronics in great variety.

The range of products include hardware and software for diagnostics and testing, test bed systems, automotive electronics, monitoring systems and control units for industrial compressors and gas engines and highly specialized customer specific applications.



Vehicle diagnosis with PortyEVOIII

The maxim of HOERBIGER Elektronik is to be close to the market all the time with resourceful and reliable high-quality solutions.

Flexibility, speed and consistent quality have priority, in the interests of customers. The mainstays of production are the continuous optimization of sequences and the consistent further training of specialist staff.

Integrated production processes fulfill comprehensively the broad range of customer requirements:

- individual production of prototypes
- preproduction equipment for test purposes
- small-scale runs
- industrial scale series - just-in-time.
- customer-specific variants

Prototyping, mounting of electronic subassemblies as well as electronic completion, test rig and equipment construction as well as final testing complement one another to form a reliable process chain.

HOERBIGER Elektronik started in 1985 and became 1999 part of the HOERBIGER group with more than 6300 employees worldwide. HOERBIGER is active in various industries and well known as a reliable partner for unrivalled, future-oriented technologies, innovative solutions and customer-focused products and services for the

- Gas and process industry
- Machinery and plant construction
- Automotive industry.



At the premises of HOERBIGER Elektronik in Ammerbuch, Baden-Wuerttemberg, a team of 65 highly skilled employees is working hard to achieve complete satisfaction and success of the customers.

Competent and individual advice, maintenance, service and excellent quality are taken for granted. All customers can use a complete range of services. Starting with intensive advice and guidance in the early phase of concept design it covers development, commissioning, training, service and retrofit, practically leaving no wishes open.



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