



Test equipment and industrial solutions

Test equipment for electrical systems

◆ Electrical rotating machines testers

- ◇ Alternators, starters, motors, starter-alternators : performance, characterization, reliability
- ◇ Font-end accessory drive (FEAD) test system to accurately simulate the dynamic conditions experienced by engine front-end accessories (alternators, water pumps, AC compressors, power steering pumps...) in a laboratory environment without the use of an actual engine.

◆ Energy stocker testers

- ◇ Batteries: charge and discharge cycles, SOC, SOH,
- ◇ Hybrid stocker : batteries and supercapacitors.

◆ EV chargers testers

- ◇ Qualification of Electrical Vehicle chargers: 7 kVA, 22 kVA, 43 kVA, 50 kW.

◆ Electronic devices testers

- ◇ Test of power Mosfets : 1200 V - 300 A,
- ◇ Test of rectifiers: reliability test bench designed to check quality and reliability.

◆ Other testers

- ◇ Hyper frequency travelling-wave tubes,
- ◇ Control system of high voltage component test. Simulation of different power network, behavior in order to check the capability of breakers,
- ◇ Pacemaker performance and durability test bench,
- ◇ Electronic devices testers: create signal and captures responses of device under test.

◆ Mobile testers

- ◇ Data acquisition and analysis system (voltages, currents, speeds, vibrations...).

Miscellaneous

- ◇ Flight electronic board programmer for jets,
- ◇ Depth and trim acquisition system of submarine,
- ◇ Air navigation aid systems.

Control command solutions for industrial machines

- ◇ Electronic cards and modules design,
- ◇ Implementation of sensors,
- ◇ Control Software development.



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