



## Dynamic Module Tester



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The dynamic high-current module tester from MicroContact is a modular platform for testing application in power electronics. Used for testing high-current modules, it reliably meets the requirements for quality assurance and a zero-defect strategy in production.

Two independent heated feeding systems enable stable maintenance of the test temperature and quick changes in the contacting unit for maximum throughput.

Module handling can be automated through a robot or axis portal, or optionally operated manually for smaller quantities.

The performance testing technology from VX Instruments is designed and built according to customer-specific testing specifications. The fundamental tests on a converter assembly include simple measurement tasks and performance tests on the main circuit of the DC source through the three-phase bridge to the AC circuit.

## System description:

- Dynamic test cell
- Contacting from the top
- Test temperature 20°C up to 180°C
- Two heating plates for fast module change
- Fast change system for different modules
- Module dimension up to 230mm x 130mm x 40mm

## Dynamic test:

- Up to 1'500V, 10'000A, pulse >0.5µs
- Multipulse test
- Short circuit test
- UIS (unclamped inductive switching)
- CIS (clamped inductive switching)