

# Automatic Testline for Power Semiconductors

The main parts of the Testline are the robot cell for device handling and optional laser marking, the Testline itself for secure contact to the devices and finally the Test equipment.

The robot handles the devices from a feeding tray into the laser box and does after all tests the pass / fail sorting depending on the results from the testing database. Different tests are integrated in the Testline.



Robot cell

For example:

- ✓ Flatness test of Base plate (+/- 0,005 mm)
- ✓ Isolation Tester (5,0 kV AC, 10 mA)
- ✓ Dynamic High Current Test (up to 1000 A, 2000 V, 8 Channels)
- ✓ Static Parameter Test (3000V, 600 A, 69 Channels)

The Testline can be applied for different devices through a quick adapter exchange in the individual Test stations.

The robot is equipped with a fully automatic gripper exchange system for different devices.

It is always possible to adapt the design and functionality of the Testline to your requirements as well as the requirements of the test equipment.

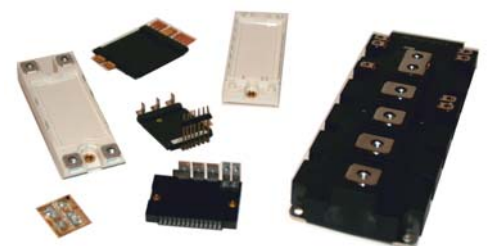
The Test stations are available as offline station with drawer.



Testline



Adapter



Devices

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*We test it*

### Technical Details:

#### Device

Max. Weight: 0,75 kg  
Max. Dimension: 100x150x40 mm

#### Testline

Dimension: 4800x3150 mm  
Compressed Air: 6 bar  
Power supply: 400 V/ 3 Phase / 50 Hz