

SEMICONDUCTOR MINI AUTO TESTER & DIE SORTER

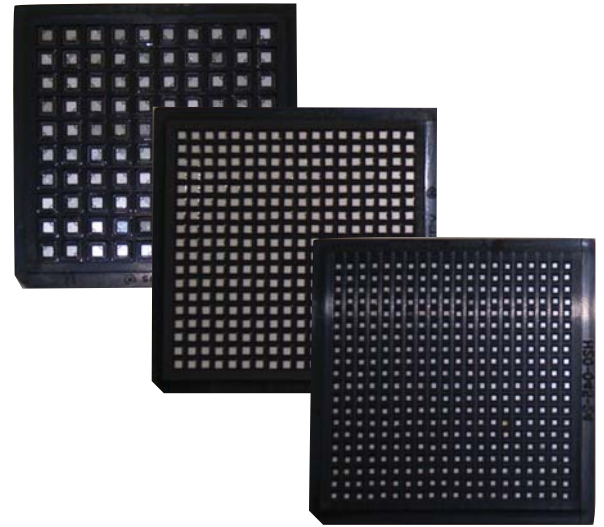
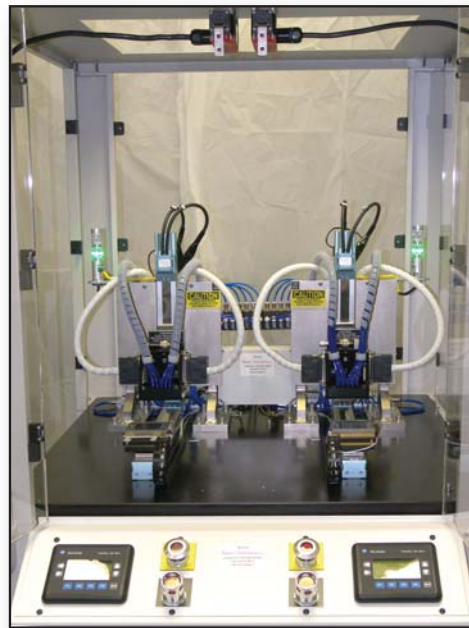
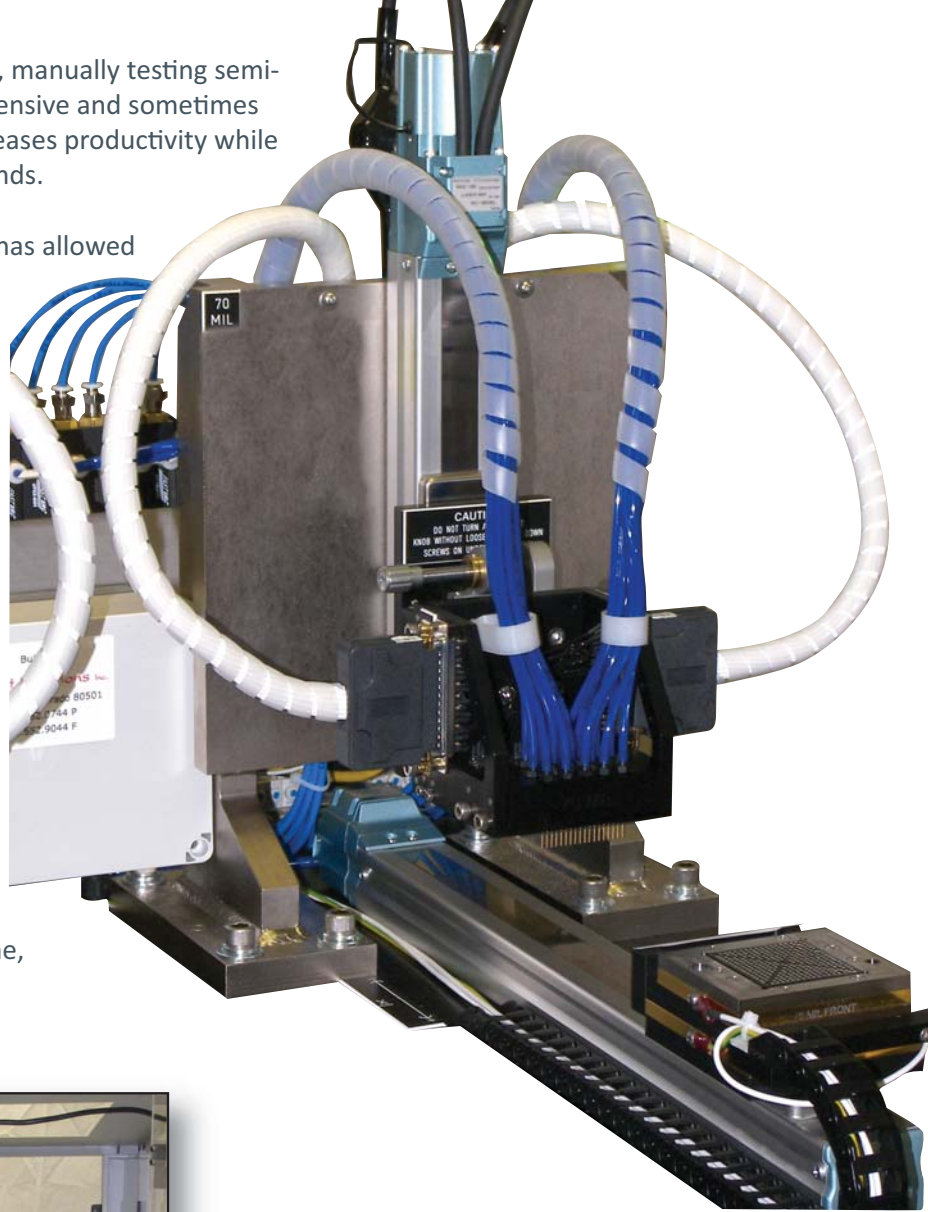
In today's competitive marketplace, manually testing semiconductor devices is slow, labor intensive and sometimes inaccurate. Automated testing increases productivity while responding to ever-changing demands.

Today's manufacturing technology has allowed semiconductor manufacturers to build smaller devices while improving performance.

Improved performance means more complex testing criteria.

In response to this challenge Xpect Solutions has introduced our new SEMICONDUCTOR MINI AUTO TESTER and DIE SORTER.

By utilizing proven robotic technology along with integrated test equipment, Xpect Solutions is capable of meeting these new challenges. These systems have been designed to automatically pick, position, electrically test and final package large and small volume, standard and non-standard size semiconductor devices.



Good Solutions for Bad Situations

xpect
SOLUTIONS

FACTORY AUTOMATION & ROBOTIC SYSTEMS

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SPECIFICATIONS

Testing

- Our tester – sorter can be interfaced with most commercial grade test equipment and is fully interfaced and tested at our facility prior to arriving at your factory.
- High Voltage – Allows for testing up to 1800 VDC (*higher voltages available*).
- SF6 – Dispense and contain SF6 (Sulphur Hexafluoride) gas during the high voltage test. Gas is controlled and shut off when testing is not in progress.

Sorting

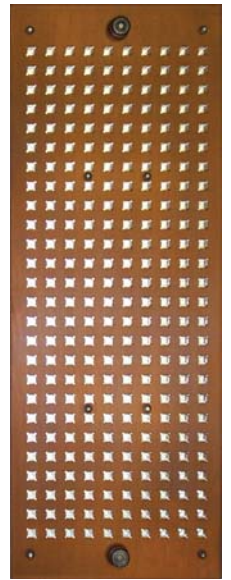
- Each tester-sorter can be tooled to handle many different die types, sizes and voltage criteria.
- Quick change tooling available for multiple part systems.
- Parts are sorted into bins or waffle packs.
- Die sizes from 18 Mil (.018) to 200 Mil (.200) (*special applications may exist*).

Physical Size

- Its compact size minimizes floor space. Each tester-sorter is no larger than the average workbench.
- Hepa / ULPA Filters available.

Controls

- The tester-sorter is Allen Bradley PLC controlled.
- The tester-sorter is now equipped with an easy to read operator interface panel that can be specifically programmed to your application.
- Data collection is available upon request.



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