

# PCB reliability test service

*Including lead free process simulation*

**Fast economic PCB reliability test service**

**Economic alternative to equipment purchase**

**Understand the impact of material on reliability**

**Learn how process change impacts reliability**

**Lead free PCB reliability by design**

## Simple and effectively prove your PCB reliability:

Interconnect stress test (IST) is a fast and economic IPC-TM-650 approved alternative to oven based reliability test. Results are obtained rapidly compared to oven testing, and also benefit from continuous monitoring so that testing can be stopped at the point of failure for detailed analysis.

The IST test service allows you to submit samples for testing at a fraction of the cost, and without the training requirements of installing your own system.

### How do I start:

You will need to add a reliability test coupon to your panelized PCB. Generic coupon designs and information are available here. [www.polarinstruments.com/download/download.html](http://www.polarinstruments.com/download/download.html)

You may download and follow the included information.

### Reliability test made easy

- *Faster than oven based testing*
- *Results in days not weeks*
- *Environment friendly CFC free testing*
- *Customer conformance reports*

## The definitive solution for PCB reliability test

Comprehensive studies have proven IST to be a viable cost effective alternative to oven based testing. Whether you are a PCB fabricator, an OEM or chemical or materials supplier, IST test can give you fast unequivocal results regarding your PCB reliability.

### IST and lead free

The most challenging experience for a PCB is the survival of the assembly process. Double sided reflow and a small amount of rework is undoubtedly the toughest environment that most PCBs ever encounter in their service life. Add to this the higher temperatures encountered as boards transition to lead free and it becomes essential that you know that boards will survive assembly. Assembly simulation is just one way that IST can help you understand if your product is suitable for the challenge of lead free.

*Polar Instruments represents PWB Interconnect solutions in Europe and AsiaPacific. For further information on PCB reliability test please contact us now.*

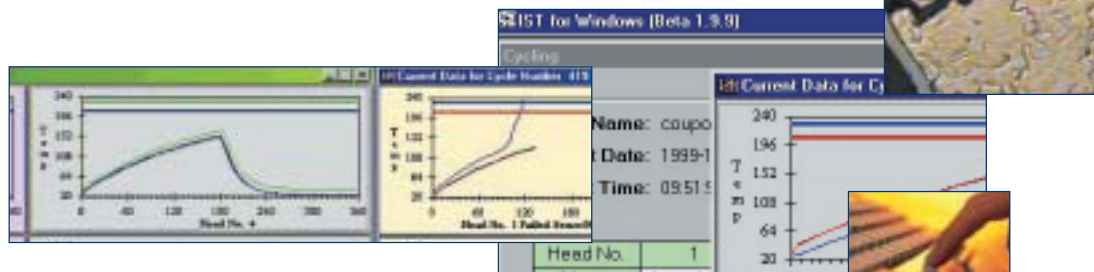


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