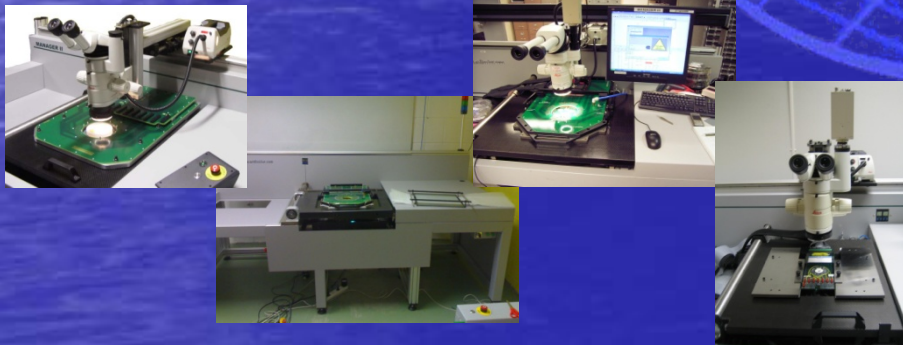


Manager III + System Accuracy and Repeatability

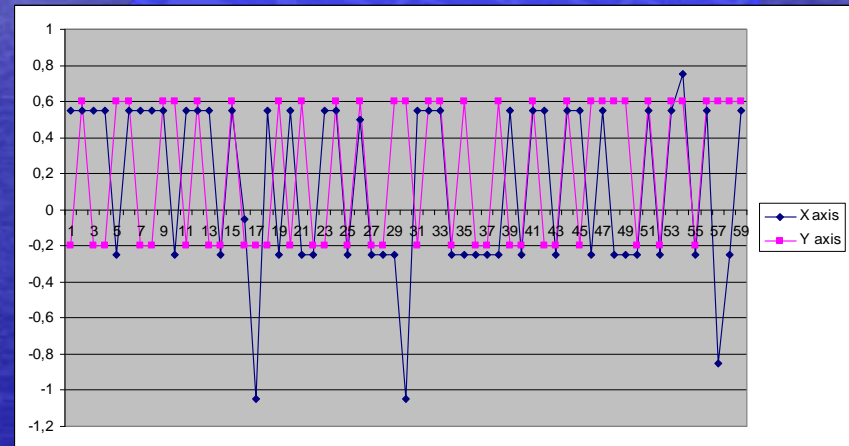
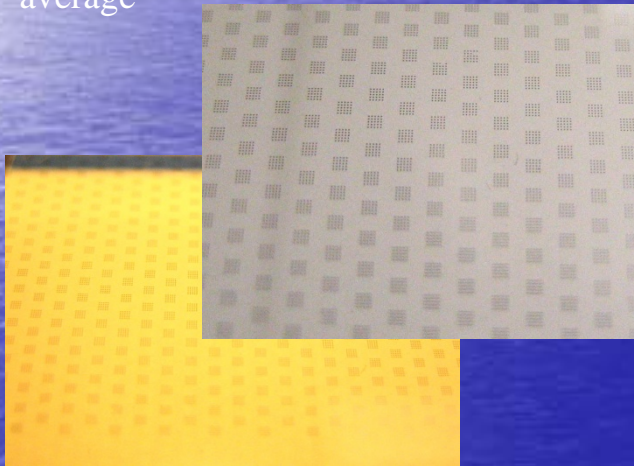


- Beijert Engineering
- Manager III + Probe Card Tester
- Beijert, the world nr. 3 in probe card testing. <http://www.probecardtester.com>
- Building on European technology and design, to make it faster and easier for you.
- Combine the best of options,
- Make it better, make it easier.
- Speed, Accuracy, Ergonomics
- Use high precision mechanical parts, for high stability measurements as targeted common sense for uncompromising performance.



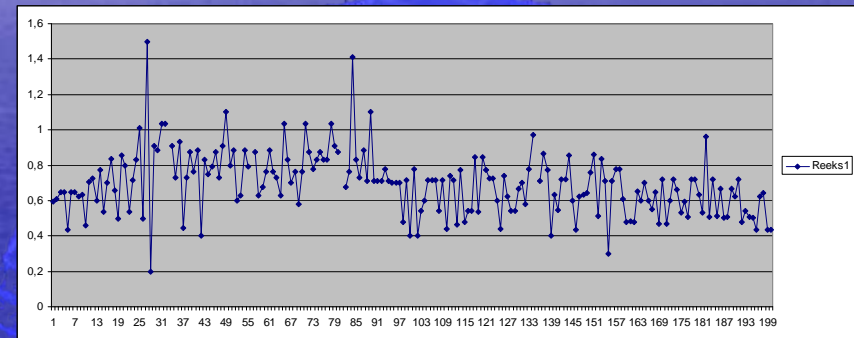
System performance with calibration glass

- Absolute measured errors bases on the calibrated glass mask.
- XY stages get back in position under 1 micron average

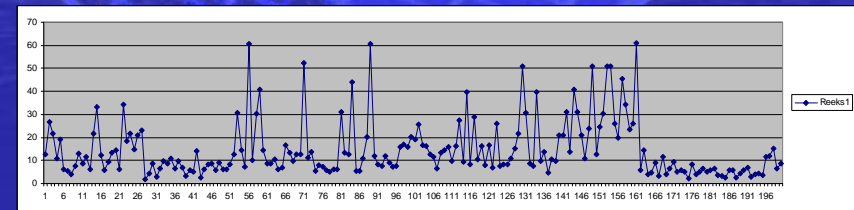


System performance with probe card

- Planarity 5 times measurements, results in microns

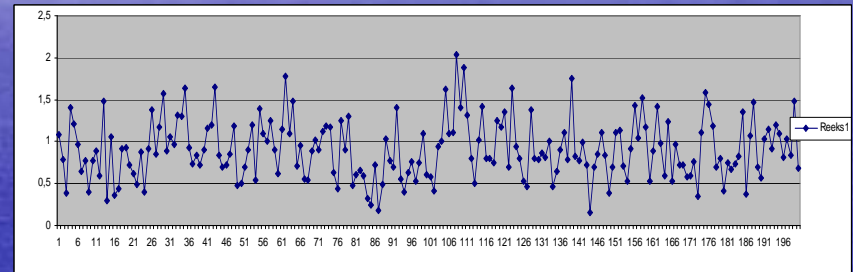


- Contact resistance 5 times compared measurements, results in milli -Ohms

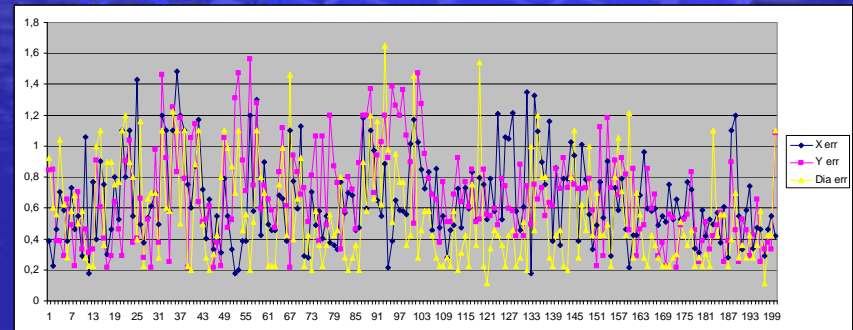


System performance with probe card

- Leakage 5 times compared measurements, results in nano Amperes



- XY alignment 5 times measurements, results in microns



Conclusions:

A stiff base for uncompromising flexibility

Workable and fast for the state of the art probe card analysis.

Specs:

Linear motors, Precise encoders, Calibrated glass mask
Low maintenance, Special bearings low rolling values

Results in system repeatability specifications:

Z	under 1 micron
YX	under 1,5 micron
Cres	under 50 milli ohm
Leak	under 1,5 nano amp
YX	On glass under 1,0 micron

