

Schematic view of probe testing; two examples

## Probe test

- Measure height differences on your sample
- Use your existing sensors, pull or shear
- Full statistical analysis with **Condor Sigma software**
- Dedicated method type
- Programmable landing force (down to 2,5 gf) and test speed enable delicate sensing
- Similar to **loop height measurement**

---

## Analyze not only forces but also distances on your product

Bond testers are traditionally used for force measurement only, but the extreme positional accuracy of the **Condor Sigma platform** also enables you to measure whether the dimensions of your product are within specification, with never before seen accuracies. The system is equipped with 30nm resolution linear encoders and is completely backlash free (no gear box).

© 1999-2019 XYZTEC BV

### **XYZTEC Netherlands**

J.F. Kennedylaan 14-B  
5981 XC Panningen  
Netherlands ([map / route](#))  
Tel: +31-77-3060920  
Fax: +31-77-3060919  
[sales@xyztec.com](mailto:sales@xyztec.com)  
[support@xyztec.com](mailto:support@xyztec.com)

### **Other offices**

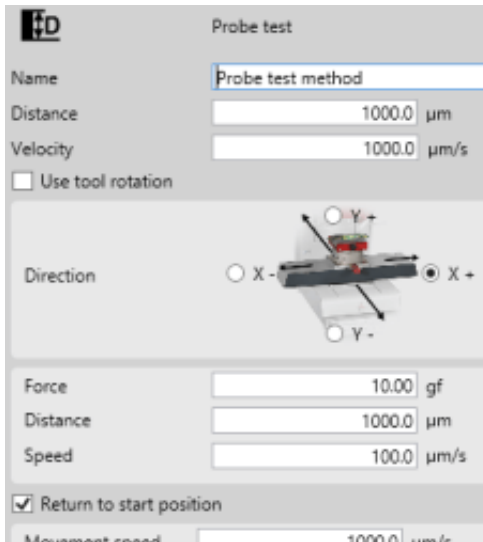
- Germany  
- Taiwan  
- Thailand  
- United Kingdom  
- USA: California  
- USA: Massachusetts  
- **Distributors**

### **Bond testers**

- Condor *Sigma*  
- Condor *Sigma Lite*  
- Condor *Sigma W12*  
- Condor *150HF*

This is page 1/5  
Click [here](#) for the **web version**.

**Technology leader in bond testing worldwide**



Configure the probe test settings easily in the Condor Sigma software

On any **Condor Sigma bond tester**, the probe test method is available for free using pull or shear sensors. The system will accurately determine the Z-height of two positions and compare them to each other. The measurement result in this case is not a force, but a distance.

One can choose a programmed X/Y offset between the two points, or program the method so that the tester will move a certain distance in the direction in which your tool is pointing. The Probe test method is of course available for both manual and **automatic testing**.

The **Condor Sigma** is also unique because of its programmable landing force down to 2,5 gf. Combined with an also programmable probe test speed, this enables very delicate sensing. Deformations or damage to the sample are therefore minimized.

### **XYZTEC Netherlands**

J.F. Kennedylaan 14-B  
5981 XC Panningen  
Netherlands ([map / route](#))  
Tel: +31-77-3060920  
Fax: +31-77-3060919  
[sales@xyztec.com](mailto:sales@xyztec.com)  
[support@xyztec.com](mailto:support@xyztec.com)

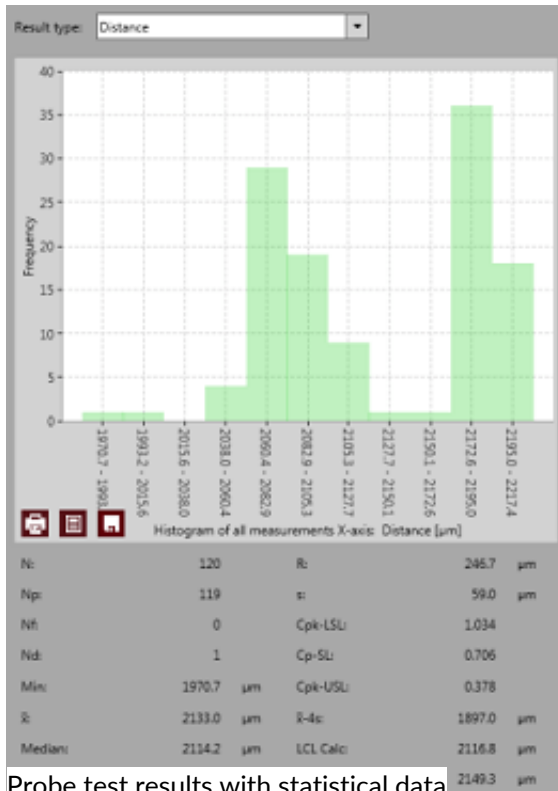
### **Other offices**

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- **Distributors**

### **Bond testers**

- Condor *Sigma*
- Condor *Sigma Lite*
- Condor *Sigma W12*
- Condor *150HF*

This is page 2/5  
Click [here](#) for the **web version**.



Probe test results with statistical data

## Contact us

Did we catch your attention? Please [contact us](#) for more information or to request a [demonstration](#), [bond testing seminar](#) or a [quotation](#).

- force gauge calibration method
- jig (shear) calibration method
- loopheight method
- peel method
- probe method**
- pull method

Menu to select the method type - the probe method is available alongside the more traditional types

## Relevant products

© 1999-2019 XYZTEC BV

### XYZTEC Netherlands

J.F. Kennedylaan 14-B  
 5981 XC Panningen  
 Netherlands ([map / route](#))  
 Tel: +31-77-3060920  
 Fax: +31-77-3060919  
[sales@xyztec.com](mailto:sales@xyztec.com)  
[support@xyztec.com](mailto:support@xyztec.com)

### Other offices

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- [Distributors](#)

### Bond testers

- Condor *Sigma*
- Condor *Sigma Lite*
- Condor *Sigma W12*
- Condor *150HF*

This is page 3/5  
 Click [here](#) for the [web version](#).

**Technology leader in bond testing worldwide**



- Condor Sigma
- Condor Sigma Lite
- Condor Sigma W12
- Condor 150HF
- Revolving Measurement Unit
- Sensors
- Tweezers
- Vision
- Software
- Calibration
- Work holders

---

## Increase your bondtesting throughput

The **Condor Sigma** is not only the most accurate bondtester in the world, but also the fastest. [Click here to read the study that proves the Condor Sigma is up to 39% faster than the competition.](#)

---

## Special applications

Please [contact us](#) if you have any questions or special bond testing requirements.

---

## Condor Sigma brochure

[Click here](#) to download the **Condor Sigma brochure**, the **Condor Sigma W12 brochure** or the **Condor Sigma Lite brochure** or the **Condor Sigma Vision brochure (PDF)**.

---

## Representatives

To find your local representative, please select a region:

- Americas
- Europe, Middle East, Africa
- Greater China
- Japan
- Asia / Pacific



[Click here to access the XYZTEC consumables webshop](#)

© 1999-2019 XYZTEC BV

### **XYZTEC Netherlands**

J.F. Kennedylaan 14-B  
5981 XC Panningen  
Netherlands ([map / route](#))  
Tel: +31-77-3060920  
Fax: +31-77-3060919  
[sales@xyztec.com](mailto:sales@xyztec.com)  
[support@xyztec.com](mailto:support@xyztec.com)

### **Other offices**

- Germany  
- Taiwan  
- Thailand  
- United Kingdom  
- USA: California  
- USA: Massachusetts  
- [Distributors](#)

### **Bond testers**

- Condor *Sigma*  
- Condor *Sigma Lite*  
- Condor *Sigma W12*  
- Condor *150HF*

This is page 4/5  
[Click here](#) for the [web version](#).

***Technology leader in bond testing worldwide***



## **XYZTEC Netherlands**

J.F. Kennedylaan 14-B  
5981 XC Panningen  
Netherlands ([map](#) / [route](#))  
Tel: +31-77-3060920  
Fax: +31-77-3060919  
[sales@xyztec.com](mailto:sales@xyztec.com)  
[support@xyztec.com](mailto:support@xyztec.com)

## **Other offices**

- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- [Distributors](#)

## **Bond testers**

- Condor *Sigma*
- Condor *Sigma Lite*
- Condor *Sigma W12*
- Condor *150HF*

This is page 5/5  
Click [here](#) for the [web version](#).

***Technology leader in bond testing worldwide***