



Peel test on Solar cell

## Ribbon peel test

- Can peel up to 190mm ribbon length
- IC lead peel testing
- Peel forces up to 200kgf
- Sensor accuracy  $\pm 0.075\%$
- Force displacement graph of complete test

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## Tweezer peel with USB Tweezers

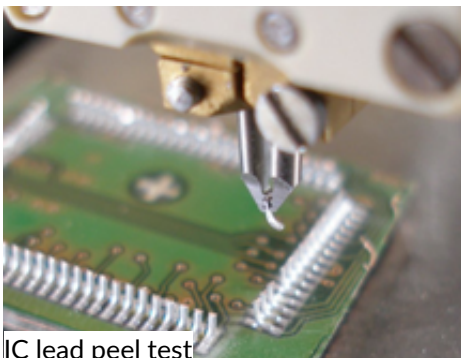
[Video not included in PDF: [click here to view online](#)]

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## Tweezer test with manual tweezer and slider up to 40kg

### Highly flexible for the widest range in sample shape and size

The ribbon pull test is generally performed with a tweezer. The ribbon or wire to be tested by being gripped between the tweezer tips. The Z-stage then moves up and a pull force is applied on the ribbon.



IC lead peel test

In many cases, it is important to pull perpendicular during this application. To correct the angle, the XY stage and special linearity guides on the work holder are used. XYZTEC is the only company that offers a bond tester with a 190 mm Z-stage. This makes our testers ideal for long ribbon applications, e.g. [solar cells](#).

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### **XYZTEC Netherlands**

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### **Other offices**

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

### **Bond testers**

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

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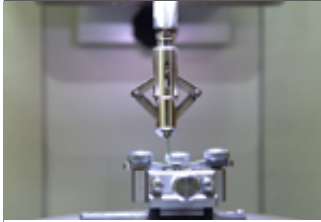
***Technology leader in bond testing worldwide***



Our **tweezers** offer a standard pull force of 10kgf and a maximum clamping force of 3kgf. Using custom manual grippers, peel forces up to 200kgf are possible. The quick change tweezer design provide a lot of flexibility. Typical applications include gold ribbons, aluminium ribbons and thick wires as used in the construction of microwave, high frequency, high power, automotive, hybrid and **solar** devices.

## Tweezers flyer

[Click here](#) to download the **Tweezer Solutions flyer** (PDF) by XYZTEC.



Peel test with manual tweezer

## Contact us

Did we catch your attention? Please **contact us** for more information, to request a demonstration or a quotation.

## Relevant products

- **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.

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**Technology leader in bond testing worldwide**



## 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 \(PDF\)](#).

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

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