



## Condor Sigma bond tester

Everybody has something to test. Are you still testing manually (with a **single cartridge**)? Go for the **Condor Sigma**, the most flexible bond tester in the market and **give it a spin**.

XYZTEC also offers a **300mm (12 inch) wafer testing machine** for precision **shear testing** and Cold Bump Pull (CBP) with or without wafer handler.

## Reasons why the Condor Sigma is the world's most popular bond tester

### Superior speed

Featuring **50 mm/s** the axes are very fast. Combined with **efficient software**, you get the **highest UPH**.

### Automation

The **Sigma's** 1 $\mu$ m stage accuracy, large test volume and vision technology enable **full automation**.

### Easy to use

The **most ergonomic** system on the market. New operators learn to use the **software** within hours.

### Accuracy

Technology leader XYZTEC's **Condor Sigma** gives you unparalleled **0.075% accuracy**.

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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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Click [here](#) for the **web version**.

**Technology leader in bond testing worldwide**



## Customization

XYZTEC's consultants are happy to help you with any special bond testing requests you might have.

## Correlation

We ensure correlation for cross referencing test results between old and new platforms.

## Future proof modular design

Whether you buy a Lite, a Sigma or a W12, all systems come with lifetime free software upgrades.

## Revolving Measurement Unit

Multiple load cell cartridge for up to 6 sensors that measure 0.1gf - 200kgf. Single heads up to 500kgf.

## Worldwide customer service

As market leader around the world, our support is international. Spare parts are available locally.

## News

18 Sep - Sigma and Magazine Loader in action at Semicon Taiwan

17 Sep - Xyztec at EMPC conference in Pisa

04 Sep - Meet us worldwide in September

15 Jul - Meet the world's biggest bond testers

[View all news](#)

## Bond Testing 을 쉽게 하는 법

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Six sensors RMU, up to 200 kgf: changing cartridges manually no longer required

XYZTEC 은 전세계 bond tester 업계의 기술 선도자입니다. 왜 bond tester 사용고객들이 달마다 XYZTEC 제품으로 바꾸는지 알 수 있을 것입니다.

## 고 생산량과 고 신뢰성

Revolving Measurement Unit (RMU) 은 하나의 장비로 4개의 다른 테스트까지 연속 작업이 가능합니다. 추가로 pull 테스트, shear 테스트 and impact 테스트에 대해 전용 Measurement Units 을 선택할 수 있습니다. XYZTEC 은 high force 제품과 차세대 tweezers 분야에서 유일무이한 회사입니다.

## 유연성과 독창성

저희는 기술지원이 요구되는 분야에 차별화된 해결책을 제공합니다. 예를 들어 저희는 solar cell peel testing 분야에서 전세계 표준을 만들었습니다. 게다가 500kgf 까지 측정할 수 있는 Condor 150HF 로 high current copper bonds 를 테스트 할 수 있는 유연한 장비 디자인을 가지고 있습니다.



Increase your knowledge about bond testing at a bond testing seminar

Aiming to improve understanding of bond testing in the industry, XYZTEC organizes seminars to present and disseminate knowledge in a straightforward format. Every seminar is focussed around a particular aspect of the science of bond testing.

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reddot

The Condor Sigma was awarded a Red Dot design award

## References

As market leader in bondtesting in the world, XYZTEC has produced lots of **success stories** since the **company was incorporated in 2000**.

## Consumables webshop

Order a wide range of **wire hooks**, **shear tools**, **tweezer tips** and **other items** in our **webshop**.

## Test types



The Condor Sigma W12 is the market leading solution for 300mm (12 inch) wafer testing

- Ball shear / Solder ball shear
- Bending
- Cavity shear
- Cold Bump Pull
- Copper pillar
- Creep test
- Die shear
- Fatigue
- High speed impact
- Lead integrity / Micro torsion
- Lid pull
- Lid torque
- Loop height test

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- Overhanging die
- Passivation layer gold ball shear
- Probe test
- Ribbon peel
- Ribbon pull
- Scratch / coating
- SMD shear
- SMD gull wing leads
- Spring rigidity
- Stud pull
- Total Ball Shear / Zone shear
- Tweezer pull
- Vector pull
- Wedge and ribbon shear
- Wire pull

## Events

01..03

Oct

IMAPS USA 2019

12..15

Nov

Productronica Germany 2019

18..19

Feb

EBL Germany 2020

[View all events](#)

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