

FEM shear tool

## Research & development

XYZTEC has always embraced the importance of associates and partners in both universities and technology institutes. We understand the need to develop new testing methods in parallel with the development of new products. Such establishments have many different requirements to enable a broad range of tests for the products of today and tomorrow.

All XYZTEC bond tester are multifunctional and flexible to address all these applications. Being a modular concept, the Condor series can address dedicated tests, and offers the ability for future simple expansion.

## Bond testing seminars

Aiming to improve understanding of bond testing in the industry, XYZTEC organizes **seminars** to present and disseminate knowledge in a straightforward format. [Click here to find out more about bond testing seminars.](#)

## Contact us

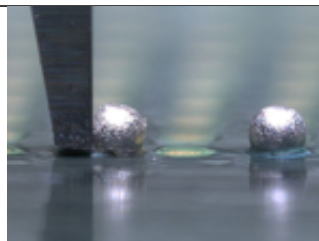
Please [contact us](#) for more information, to request a demonstration or a quotation.

## Relevant test types

A wide variety of **test types** are relevant for research & development, among which are:

### Shear testing

- Ball shear
- Cavity shear
- Die shear
- Passivation layer shear



Solder ball shear

### Pull testing

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#### XYZTEC Netherlands

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#### Other offices

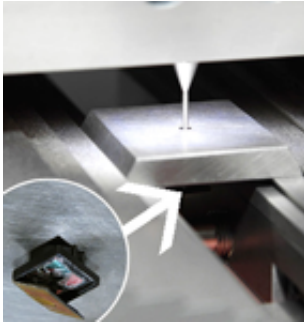
- Germany  
- Taiwan  
- Thailand  
- United Kingdom  
- USA: California  
- USA: Massachusetts  
- [Distributors](#)

#### Bond testers

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

This is page 1/2  
[Click here](#) for the [web version](#).

**Technology leader in bond testing worldwide**

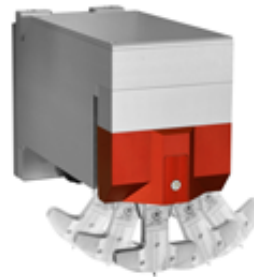


Push test of cell phone camera

- Stud pull
- Tweezer pull
- Wire pull
- Bending test

## Impact testing

- Fatigue
- High speed impact



Impact Measurement Unit

## Special applications

Please [contact us](#) if you have any special tweezer requirements.

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### **Bond testers**

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This is page 2/2  
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