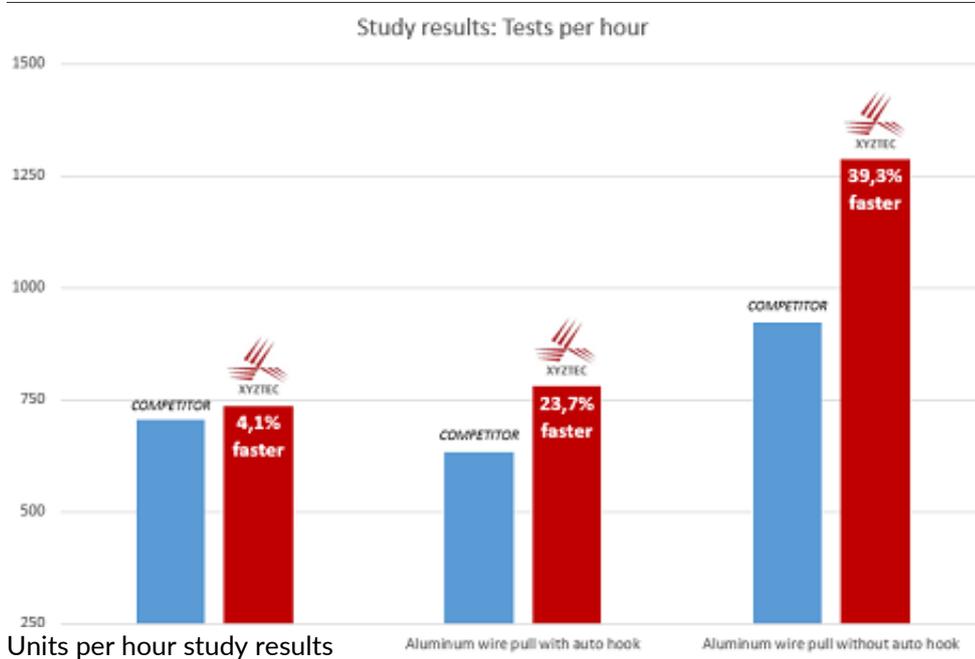


Leadframe

Semiconductor

Many semiconductor applications are at the ultra fine pitch and leading edge geometries. Testing these and similar devices requires precision movement in the micron scale and accurate force measurement of low forces. On the other end of the scale, a die shear test may require up to **500kgf**. All these application demand precise tooling and sample manipulation for accurate application of the test load and subsequent force measurement.

The XYZTEC **Condor Sigma range** is designed to suit all these requirements and more.



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.](#)

Automatic wire detect

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XYZTEC Netherlands

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sales@xyztec.com
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Other offices

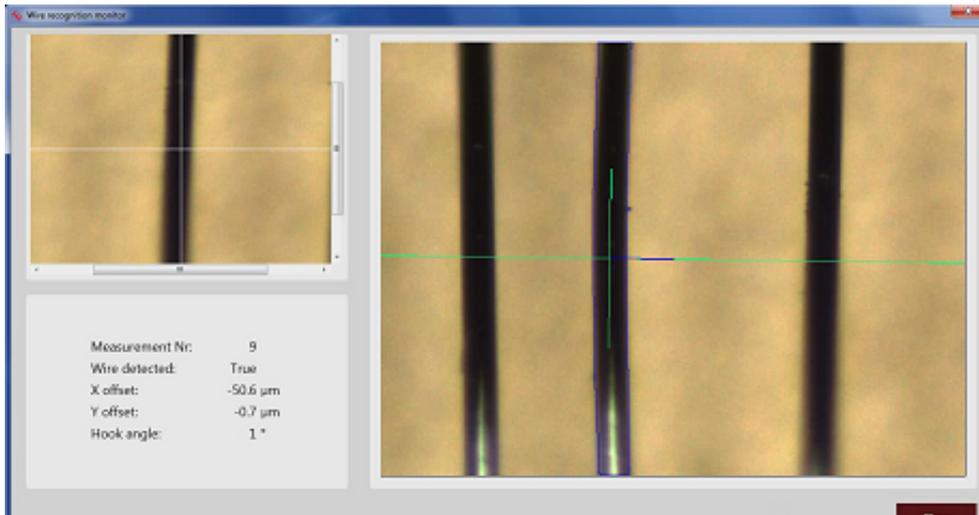
- Germany
- Taiwan
- Thailand
- United Kingdom
- USA: California
- USA: Massachusetts
- Distributors

Bond testers

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

This is page 1/3
[Click here](#) for the [web version](#).

Technology leader in bond testing worldwide



Wire detect on Condor Sigma; wire detected at 50µm offset from the expected position

As more and more semiconductor companies are making the transition to **automatic** wire pull testing, the engineers are also finding out its limitations. On many products, the placement of wires is not consistent and simple automation programs will miss the wire or pull two wires at once. XYZTEC's **Condor Sigma** is the only bond tester in the world to overcome this problem with its **automatic wire detect functionality**: [click here to read more](#).

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

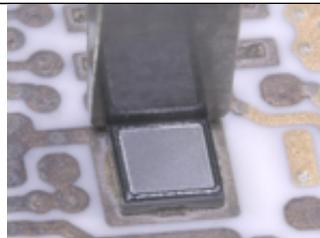
Please **contact us** for more information, to request a demonstration or a quotation.

Relevant test types

A wide variety of **test types** are relevant for this industry, among which are:

Shear testing

- Die shear
- Overhanging die
- Total ball shear
- Wedge shear



Die shear

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Wire pull

Pull testing

- Ribbon peel
- Ribbon pull
- Tweezer pull
- Wire pull

Special applications

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

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