



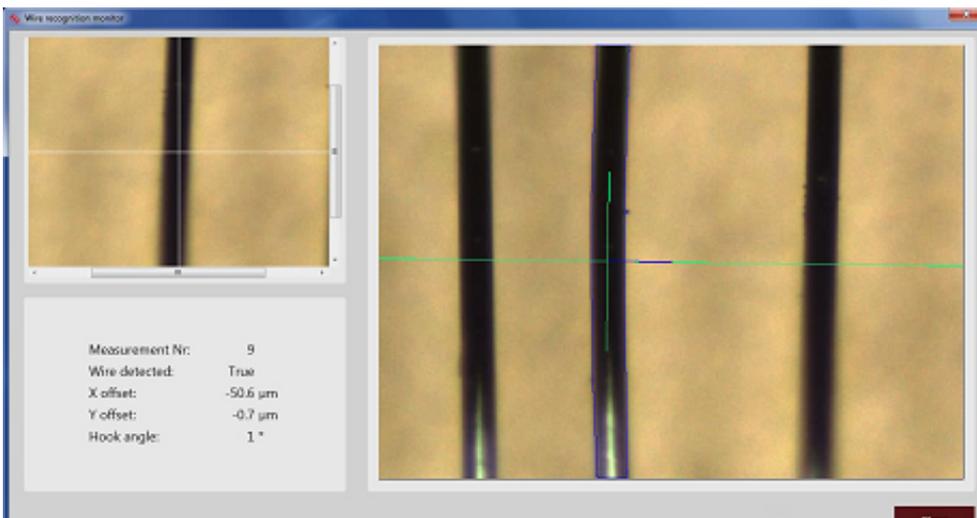
Typical automotive components

## Automotive

The integration of electronics into automotive market continues to grow. Today automobiles feature a multitude of sophisticated electronic devices that perform various functions such as security, navigation, safety and control. These technologies utilize a variety of MEMs and hybrid technologies.

The **Condor Sigma** series from XYZTEC is one of the most commonly used bond testers in the automotive industry. Characterized by the large work area of XY and Z axis and flexible standard work holders, this system provides solutions for deep access, high forces and thermal cycling.

## Automatic wire detect



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

As more and more 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](#).

### XYZTEC Netherlands

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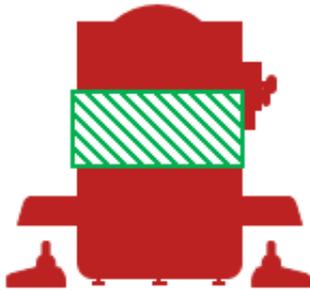
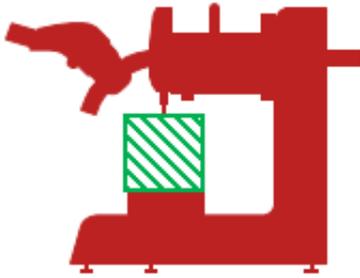
### Other offices

- 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](#).



## *Sigma*

320x168x168mm

Automotive parts are often sizable. The Condor Sigma has the biggest test envelope in the industry.

## 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.](#)

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## Contact us

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

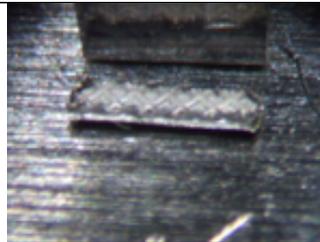
## Relevant test types

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

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### Shear testing

- Ball shear
- Wedge shear



Ribbon shear

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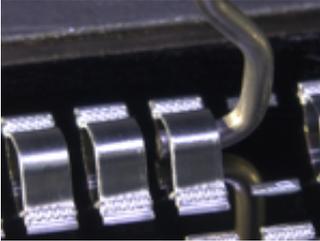
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- Condor *150HF*

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



Ribbon 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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