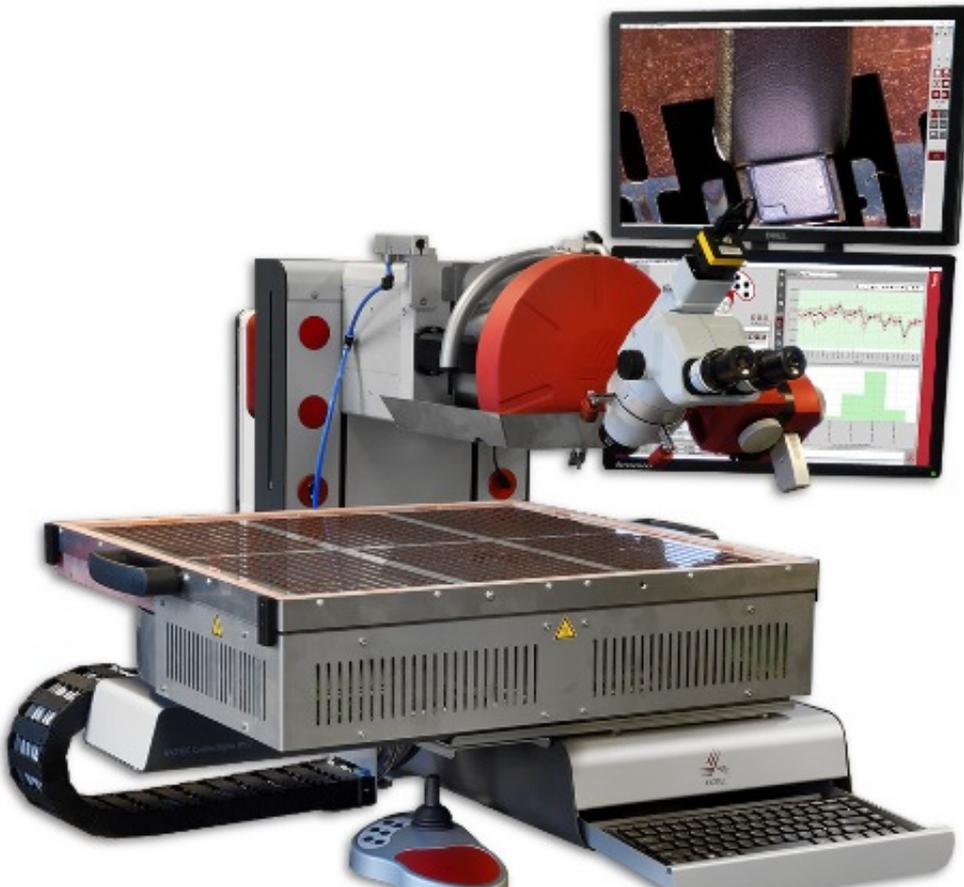




最新的技术摘要: Condor Sigma W12 with large heater stage

2016年8月31日

XYZTEC is always innovating and developing advanced solutions in bond testing. In this newsletter we present the market leading **Condor Sigma W12, equipped with a rotating 13500W 518x513mm heater stage** that can uniformly warm up your sample to temperatures up to 175°C.



Quick and uniform warm up ^{ater stage up to 175°C}

The system is designed for die shear testing on large rectangular glass carriers and 12 inch round carriers, to test glued or solder interconnections on a coating. With 27 heater elements in 7 different control groups it quickly warms up its aluminum table and customer sample with an accuracy of less than $\pm 5^\circ\text{C}$. The table is designed to remain extremely flat and to deliver a perfect vacuum even at the highest temperatures.

Triple heat shieldings around the **Revolving Measurement Unit (RMU)** protect the inner workings of the bond tester against prolonged high temperatures. A Windows™ based

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- United Kingdom
- USA: California
- USA: Massachusetts
- **Distributors**

Bond testers

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

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temperature controller with various heating profiles gives the user complete flexibility. Multiple heating profiles can be configured and stored.



Windows based temperature controller with various heating profiles for Condor Sigma W12 Cooling down rack

With the high accuracy bond tester comes a sample carrier and cooling down rack to make the handling of the large (hot) panels easy. The carrier can be positioned accurately before testing and then safely cool down after the automatic tests.

Full automation

To be able to test all of the sample area the large rotating heater stage can move to four fixed rotation positions and automatic testing is easily programmed by the engineer. All the flexibility that customers have come to expect from XYZTEC, including vision corrections, are also available.

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Calibration station for Sigma W12 with large heater stage

The **Condor Sigma W12** can be **calibrated** without having to remove the large heater stage making daily checks a simple task.

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Learn more about the Condor Sigma^{nch} round carrier to be tested

If you are interested in a live demonstration of the **Condor Sigma** on your sample or perhaps for more bond testing inspiration, [contact us today!](#)

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研討會

為了增進和提供我們客戶更多的剪切力測試的知識和解決方案, XYZTEC 賽世鐵克安排了一系列的 **研討會** 來傳遞專業知識並以最直接簡單的方式來簡報. 每一場的 **研討會** 都是專注在剪切力測試原理的特別定題.

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