



Newsletter: Meet the world's biggest bond testers

15 July 2019

Higher forces or a larger test area, this highly configurable bond tester can do it all. XYZTEC proudly announce world's biggest bond testers which are capable to test high forces up to 1000 kgf and large test volumes with speeds up to 500 mm/s.

Minimize handling risks by testing and analysing **fully automatically**. Set references for fiducial marks and program comprehensive automation positions and commands from the camera. Meet the new **Sigma L, XL and HF**. Now online on our website. ng toolkit and auto grading.

Sigma HF

High Force bond tester for forces up to 1000 kgf

The Sigma HF (High Force) an ideal test system for IGBT power modules and other high force applications for forces up to 1000 kgf and a test volume of 500 mm in X and Y combined with 200 mm in Z.



Sigma HF is a bond tester for forces up to 1000 kgf

Sigma HF in action

Ask us for a **demonstration** and learn more about the strongest bond tester on the market.

Unique specifications in a glance

- Single measurement unit for up to 500 kgf or up to 1000 kgf
- 360° rotational shear head
- Up to 5 cameras
- Large working area of 500x500x200 mm

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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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Technology leader in bond testing worldwide



Sigma L and XL

For large area bond testers for large area applications

The Sigma L and XL are especially for large area applications such as automotive battery testing and high force applications that involve larger products such as battery packs and large Panel Level Packaging (PLP).



Extra large working area of 500x800x200 mm

Sigma L (Large); with a working area of 500x500x200 mm

Sigma XL (Extra Large); with an extra-large working area of 500x800x200 mm

Unique specifications in a glance

- 0.075% accuracy
- Six sensors **Revolving Measurement Unit (RMU)** with forces up to 200 kgf
- Up to 2 perpendicular automation cameras
- Large working area of 500x500x200 mm or 500x800x200 mm

[Click here](#) to **check the specifications** and compare the Sigma HF, Sigma L, Sigma XL and the other Sigma systems.

Contact us

Did we catch your attention? Please **contact us** for more information, to request a demonstration or a quotation.

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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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