



The red handle clamps and releases the simplest to the most complex work holder in seconds. It positions the work holder very accurately and can withstand the full 200kgf test force

Condor Sigma » Work holders

- Quick release mount, change work holders in seconds
- Compatibility: use your existing work holders (XYZTEC or competitor)
- Easy to operate while at the ergonomic height
- Wide range of work holders available
- Standard uniform mechanical interface
- Vacuum and heating up to 500°C possible
- We do customization to make sure your samples are perfectly clamped

Use existing tools and work holders



Compatibility: use your existing work holders on our shuffle plate

The Condor Sigma system is designed to be compatible with the most commonly used work holders and tooling, that you may already have in stock or which are available in the market. The compatibility modes ensure consistency in your measurement results across machines.

The open frame design and large stroke for all three stages offer the capability to handle the widest range of sample sizes with little or no special tooling. High accuracy quick release work

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Other offices

- Germany
- Taiwan
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- USA: California
- USA: Massachusetts
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Bond testers

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

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holders ensure rapid production setup. The quick release provides a secure lock capable of withstanding 200kgf shear forces while maintaining a reproducible positioning.

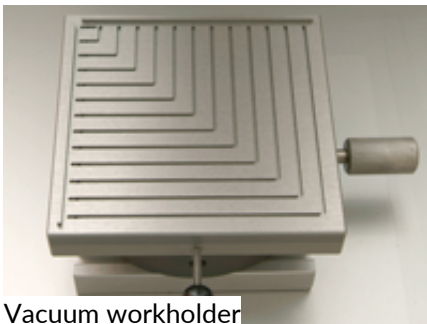
XYZTEC understands the art of clamping



Heater workholder (up to 500°C) mounted on the Sigma by quick release system

To obtain a reliable, reproducible measurement one needs more than only the precise Condor equipment. At a similar level of importance comes the way the sample is fixed on the Condor equipment during testing.

For low force measurements, like wire pull and ball shear testing, a vacuum and/or clamping system is most common, to maintain the sample in its fixed position. However, when higher forces need to be tested (like during die shear), it becomes more challenging to clamp the sample properly.



Vacuum workholder

Standard and custom designs

XYZTEC has many different dedicated object work holders in its catalog. For example the universal vacuum work holder provides a very fast and cost effective solution for testing all kinds of substrates like PCB's and ceramics. The universal clamping vise provides a very straight forward solution for any (encapsulated) sample that can be clamped without bending, like automotive parts.

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The market leading Condor Sigma W12, equipped with a rotating 13500W 518x513mm heater stage

Another common work holder is the universal clammer with customized mask and inlay which is specially designed for lead frame applications. Last but not least, XYZTEC also offers the very clean designed heated object work holder, with built-in PID temperature controller and heating block, which can go up to 500°C easily and can be equipped with various customized inlays.



The special work holder for lead integrity testing

Contact us

Did we catch your attention? Please [contact us](#) for more information or to request a demonstration or a quotation.

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