

Condor Sigma sensors come fully calibrated

## Condor Sigma » Sensors

- Unparalleled 0.075% accuracy
- World's highest resolution of 24 bits
- **Digital temperature correction**
- Modular design fits single measurement units and RMU's
- Pre tested and calibrated
- Sensor modules fitted, removed or exchanged in minutes
- One screw fixing
- Integral hook rotation 360° continuous  $\pm 10\mu\text{m}$  concentricity
- All sensors work in two directions
- Excellent correlation with all bond testers on the market
- Each sensor comes pre-tested and calibrated
- Frictionless pull and shear sensors
- All pull sensors can be equipped with **USB Tweezers and manual tweezers**
- Automatic electromagnetic damping

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The most accurate and flexible sensor system available

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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**



Condor Sigma Pull Sensor

To make the most advanced bond tester on the market, we combined the unique strengths of the Condor series with the latest technologies and innovations. With the introduction of the Condor Sigma platform we break the legacy by introducing a unique modular sensor system that delivers state of the art accuracy, with ultimate flexibility featuring unparalleled 0.075% accuracy. These sophisticated force sensor modules are the new benchmark in the specialized world of bond testing.



Condor Sigma Shear Sensor

All sensor modules use the same interface and are secured with one simple screw into either a single measurement unit or RMU. The procedure of fitting, removing or swapping a single sensor module takes only a few minutes. Each sensor module features their own digital electronics which is configured for the force transducer. The modules are ready to use having been fully tested and calibrated.

A wide variety of tests is possible using the Condor Sigma with forces ranging from less than 1 gf to 200 kgf. **Digital temperature correction** and the **world's highest resolution of 24 bits** contribute to the most reliable and repeatable measurement results.

## The current range of sensors

Pull

10 gf, 100 gf, 1 kgf, 10 kgf, 100 kgf and 200 kgf

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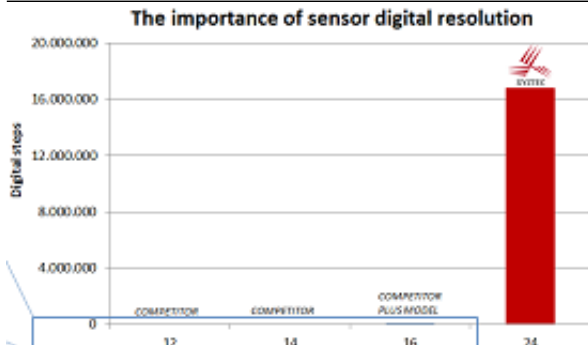
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**Technology leader in bond testing worldwide**



Push  
Shear  
Tweezers, CBP

10 gf, 100 gf, 1 kgf, 10 kgf, 100 kgf and 200 kgf  
10 gf, 100 gf, 1 kgf, 10 kgf, 100 kgf and 200 kgf  
A range of tweezers options is available up to 50 kgf



[Read the article on Bond Test Measurement Accuracy](#)

## 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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