

Greenslade & Company is Now Offering TesT Equipment

Greenslade & Company has now forged a strategic business alliance with TesT GmbH, adding a new dimension to Greenslade's fastener inspection equipment.

The testing machines by TesT are high-end products for material and component testing. They are characterized by their high quality and are perfectly equipped for industrial applications as well as for laboratory applications in the areas of quality assurance, research and teaching.

TesT provides the comprehensive solution for screw and bolt testing.

Screw testing machines of the model series **TesT 205** are market-leading, with patented components and always built according to most modern test methodologies. Thus, TesT has built an instrument for safe and fast testing of screw connections for screws and bolts of **M3** to **M64**.

There are three different, patented multi-component-sensors available:

- **Model 201 for 3 components:** Clamping force, total torque and frictional torque under the screw head. The frictional torque of thread is calculated here. This model is the most widely used model for quality assurance.
- **Model 202** for 4 components: Clamping force, total torque, frictional torque under the screw head and frictional torque of thread. This model is ideal for research and development.
- **Model 203** for 2 components: Clamping force and total torque. This model is recommended for simple QA tasks, for example at surface coating companies, often operated manually.

By use of these patented multi-component sensors the following parameters will be measured simultaneously, with highest precision and without influence of one parameter to the other:

- The preload force in the screw during tightening and loosening (**all models**)
- The total torque during tightening and loosening (**all models**)
- The frictional torque under the head of the screw (**models 201 and 202**)
- The frictional torque in the thread (**model 202 [will be calculated at model 201]**)
- The necessary angle with a resolution of 0.1° (**all electromotive models**)

For more information, call 817.870.8888, or contact Larry McLaughlin at lmclaughlin@greensladandcompany.com or Larry Borowski at lborowski@greensladeandcompany.com.

