

Torque testing



The torque tester we can test the torque at the assembly location.



The torque tester can be connected to a PC in order to get a clearer image and to make print-outs.

The torque tester prints graphs and charts - on location!



Mattssons has two measuring equipments for torque analysis. One stationary equipment from Schatz in Germany and one portable from Crane in England.

ACCRAT from Schatz is a complete measuring equipment for torque analysis that evaluates all measure results at the same time.

Mattssons's torque tester measures clamping force as well as friction, it can measure machine thread as well as thread pressing screw, taptite and plastite. It is also portable and can be brought to the customers' assembly line.

Measures everything!

Mattssons's torque tester can measure:

- Torque.
- Clamping force.
- Friction totally.
- Friction separated below head and in the thread (Schatz).
- Tightening angle.
- Relation torque/angle.
- Printout of all parameters including statistics.
- Test the customers torque wrench at Mattssons or at the customer.

Areas of application

The torque testers can be used in the following applications:

- Test if a screw will endure the intended torque.
- Test clamping force for customers and decide what combination of screw and nut they need to achieve a certain force in their joint.
- Test how much the customer should decrease their tightening torque when using wax or lubricant.
- Test new surface treatments and the way they affect the tightening torque.
- Test which tightening angle needs to be used in order to obtain a certain tightening torque (at accurate and in other ways extreme joints).



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