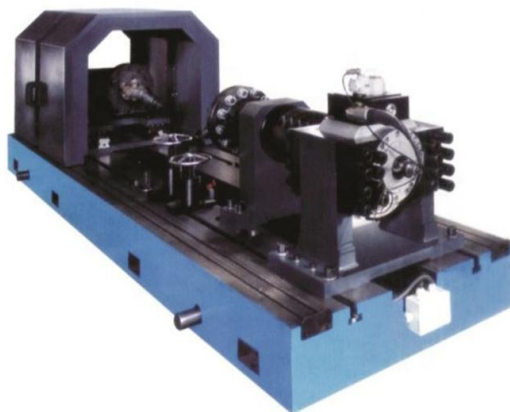


HST DT Series Drive Shaft Torsion Fatigue Testing Machine



Picture is for reference only

Application:

This testing machine is used for torsional fatigue and static strength tests of drive shafts. The tests are carried out under variable loads and adjustable test setups, in order to achieve a required number of cycles. Switch-off criteria are either the attainment of defined torsion angle or the breaking of the test specimen.

Specification:

Model	HST-DT200	HST-DT500	HST-DT1000	HST-DT2000	HST-DT3000	HST-DT5000
Measuring range (Nm)	200	500	1000	2000	3000	5000
Torque Resolution (Nm)	0.02	0.05	0.1	0.2	0.5	0.5
Clearance between grips(mm)	500					
Torque resolution	1/500000					
Relative error of torque	±0.5%					
Torque effective test range(F·S)	0.4%~100%F·S					
Resolution of torsion angle	0.002°					
Test accuracy of torsion angle	≤±0.5%					
Torsion speed	0.01~1500° /min, Can be customized					
Relative error of torsion angle	±0.5%					
Protection function	the tester has overload protection function					
Twist appendage	three jaw chuck type, two - way roof tightness					