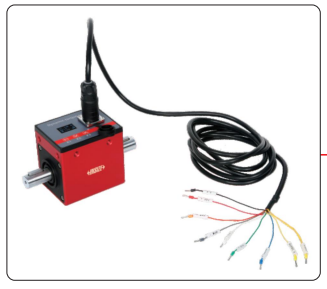
CUSTOMIZED ACCORDING TO WORKPIECES

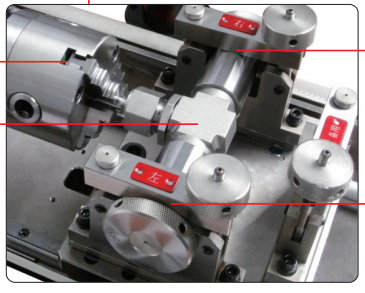
WORKPIECE TORSION FATIGUE TESTING MACHINE
CODE ITU-A102

VIDEO



built-in dynamic torque sensor **IST-TA10**





workpiece fixture

- Main unit is equipped with servo motor, with excellent control precision and low friction resistance, ensuring stable operation for a long time
- Non-contact dynamic torque sensor, no mechanical wear to ensure continuous operation, support for multiple data transfer protocols and fast communication rate
- Triple safety with emergency stop button, security cover and programmed safety alarm

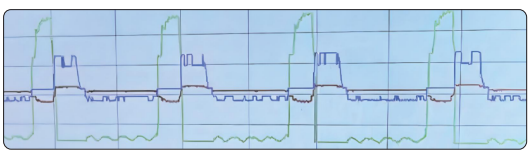
SPECIFICATION

Main unit	servo control mode	torque, angle and speed
	range of test torque	20%~100%FS
	range of torsion angle	0~9999°
	max. test RPM	100rpm
	direction of torsion test	clockwise and counter-clockwis reciprocating test
	number of preset test programs	99
	continuous working time	15 days
	storage of test data	export in CSV format
Dynamic torque sensor*	torque capacity	10N.m
	torque signal	±5V transformed voltage output
	RPM signal	120/60/10 pulses/rev.
	accuracy	0.1%FS
	hysteresis	0.5%FS
	annual stability	0.3%/year
	extreme overload	200%
Power supply		AC 220V, 50Hz
Weight		230kg

*Dynamic torque sensors with different codes for different workpieces

steps

Step 1: place the workpiece on fixed fixture and lock it in place
Step 2: select the workpiece test program and set the number of fatigue test
Step 3: close the security cover
Step 4: press the start button and perform reciprocating fatigue test according to the test program



test waveform