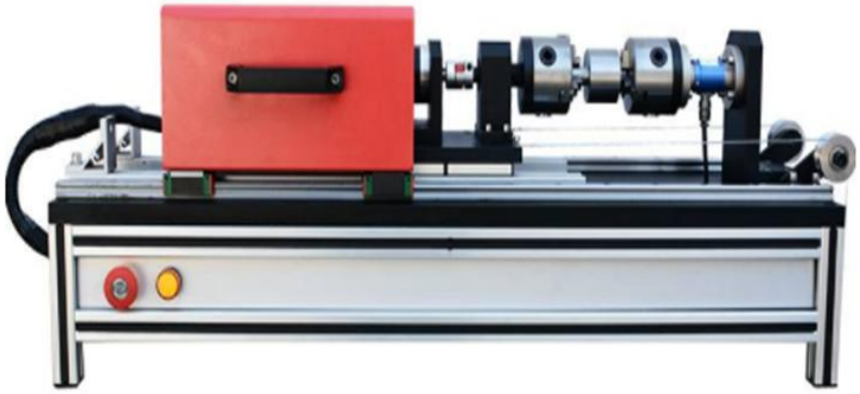
Computer control Bone Screw Torque Testing Machine



Picture is for reference only

Features:

Test and study of metal bone screws for screw orthopedic implants, absorbable bone torque, fracture torsion angle.

Orthopedic implants with different thread types (deep thread, shallow thread, full thread, half thread, symmetrical thread, asymmetric thread), different orthopedics implants with thread codes and nominal diameters (HA / HB / HC / HD1.5-8.0mm).

Orthopedic implants for different purposes (cortical bone screws, cancellous bone screws, cannulated screws); orthopedic implants with different rotation forms (slotted slot, cross slot, hexagon socket, square slot, inner triangle, plum shape); different Head type orthopedic implants (conical head, spherical head, semi-circular head, square head).

Orthopedic implants of different materials (metallic materials / stainless steel bone screws, absorbable bone screws, polylactide copolymers, L-lactide resins, glycolide resins, L-lactic acid resins, rigid polyurethane foams, hydrolytic degradation polymerization Resins, copolymers);surgical implant； non-active surgical implant , non-active surgical implant for osteosynthesis；

Parameters

1	Maximum Torque	50N.m;
2	Torque Test Range(F·S)	2%-100%F.S

3	Torsional Angle value relative error (%)	≤±1%；/ ≤±0.5%
4	Torsion Angle	0°～100000°（Or infinite angle）
5	Torsion angle resolution	0.01°/ 0.0001°
6	Torsional speed	1-1000°/min adjust
7	Torsional speed relative error (%)	Within ±1%
8	Chuck spacing effectively (mm)	0-300mm(could be customized)
9	Spindle center height	170mm
10	Power	0.4kW