



TIME Group Inc.
ISO9001 International Quality Certificate

Highway and Bridge Testing Machine

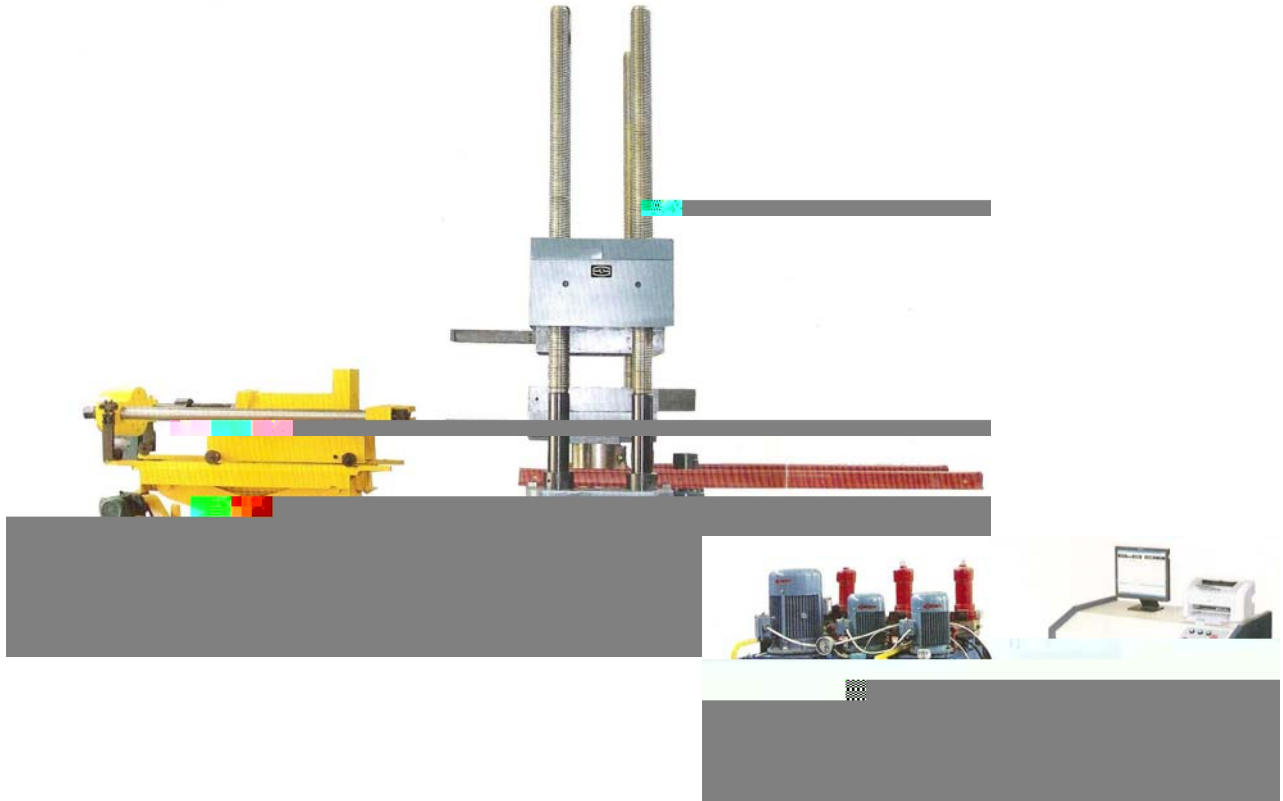


TIME GROUP INC.

Export Department of Testing Machine © 2009



**YAW-5000J Computer Controlled Servo Hydraulic
Compression and Shearing Testing Machine**



YAW-5000J Computer Controlled Servo Hydraulic Compression and Shearing Testing Machine is used to test the load capacity of rubber tray of high way, bridge etc. It can also be used to test the anti-compression strength of large metal components and other materials. This machine adopts hydraulic loading, computer servo automatic control, load cell measuring and computer display. With the advantage of easy operation, reliable stability, it is widely accepted and used in bridge & high way construction, metallurgy, aerospace industry, and different scientific institutes.

Standards:

JT/T4-2004, JT391-1999, GB/T17955-2000, GB/T2611-92



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Specification	YAW-5000J
Vertical Loading System	
Max. test load	5000kn
Measuring range	0.4%-100% of FS
Test load accuracy	±1% (from 20% of FS in each step)
Load measuring	High precise load cell

Computer Controlled Servo Hydraulic Steel Strand Testing Machine



WAW-1000L

WAW-600L

Computer Controlled Servo Hydraulic Steel Strand Wire Testing Machine is mainly used for tension test of steel stranded wire for Prestressed Concrete. It is widely used in building, road construction, bridge, aerospace, college and Research institutes etc.

Standards: ISO 6934-4.1991

Specifications	WAW-1000L	WAW-600L	WAW-500L
Max. Test Load	1000KN	600KN	500KN
Measuring Range	20-1000KN (2% ~ 100% Fn)	12-600KN	10-500KN
Test Load Accuracy	Class 1	Class 1	Class 1
Piston Stroke	250mm	250mm	250mm
Max. Piston Speed	50mm/min	50mm/min	50mm/min
Max. Tension Space	1000mm (including piston stroke)	1200mm (including piston stroke)	1200mm (including piston stroke)
Deformation Measuring Extensometer	Gauge:200mm Deformation:15mm	Gauge:200mm Deformation: 15mm	Gauge:200mm Deformation: 15mm
Deformation Measuring Range	2% - 100% of FN	2% - 100% of FN	2% - 100% of FN
Deformation Accuracy	≤±1% of indicated value	≤±1% of indicated value	≤±1% of indicated value
Range of Clamping Jaws	Φ8 – Φ15, Φ15 – Φ22 mm	Φ9.5 – Φ12.7, Φ12.7 – Φ15.4 mm	Φ9.5 – Φ12.7, Φ12.7 – Φ15.4 mm
Steel Strand Wire Clamping Depth	225mm	180mm	180mm
Clamping Method	Hydraulic	Hydraulic	Hydraulic
Power Supply	5kW	5kW	5kW

SXW-300 Microcomputer Controlled Electronic Relaxation Testing Machine



Model SXW-300 Computer Controlled Electronic Relaxation Testing Machine is designed for the relaxation tests of steel wires, indented wire, and galvanized steel wire etc. This machine adopts vertical load frame with great rigidity, PANASONIC AC servomotor with zero clearance & great torque precise reducer to drive the screw to carry out the adjustment of the test space. the tension of specimen and keeping of the load force. to complete the relaxation test. the machine is equipped with especially designed industry PC. The control and data processing system of IPC has very high reliability, which can meet the requirements of data processing, displaying, storage and data analyzing demanded by the relaxation test that over 1000 hours.

Standards:

ISO6934-4: 1991, ASTM E328

Specifications	SXW-300
Max. Test Load	300KN
Measuring Range	6-300KN
Test Load Resolution	10N
Test Load Accuracy	≤±1% of indicated value
Loading Speed	100-5000N/S
Relaxation Space	800-1000mm (could be extended for special order)
Moving Speed of Grip	0.005-50mm/min stepless
Resolution of displacement	0.001mm
Tensile Stroke	0-200mm
Creep of Load Cell	≤0.02% within 30 minutes
	Fluctuation of zero point: < 0.5‰
Extension Measuring device	Resolution: 0.1μm,
	Zero point fluctuation: 0.1μm in 100 hours
	Gauge length: 400mm
Grips	Steel Stranded Wire: Φ12.7, Φ15.24
	Galvanized steel wire: Φ5-Φ7
	Indented steel wire: Φ9, Φ11, Φ13
	(Can be customized)
Power Supply	5kW

MGW-5000 Static Strand Anchorage and Coupler Capacity testing Machine

With the rapid development infrastructure constructions, prestressed technology is widely used in recent years. The steel strand prestressed anchorage and coupler are extremely important for high way, bridge, water conservation project and electric power station etc. To ensure the quality, we not only need to test the load properties of steel strand, but also need to test the capacity of anchorage, coupler and connectors.

MGW-5000 Static Strand anchorage and coupler capacity testing machine is specially designed for anchorage and coupler capacity test.

Standards:

It conforms to GB/T 14370-2007, JT329.1-1997, JT329.2-1997.

Specifications	MGW-5000
Max. capacity (KN)	5000
Measuring range	4%-100% of FS
Relative error of reading	±1%
Tension test space (mm)	3400mm
Piston stroke (mm)	200mm
Piston displacement measuring range	0-200mm
Piston displacement resolution	0.1mm
Relative error of piston displacement measuring	±1%



Geotextiles Testing Machine



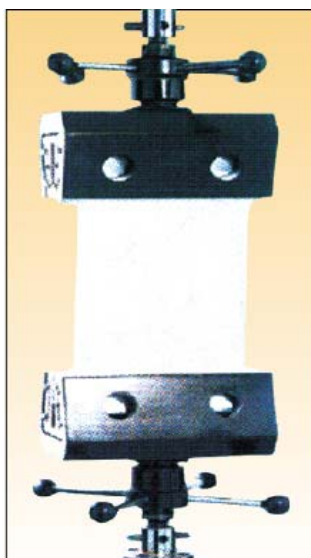
This series testing machine is specially designed for geotextiles materials, which is widely used in high way construction, bridge building etc. With different fixtures, it can conduct geotextiles tension, puncture, tearing etc. tests.

Standards: GB/T 14800-1993, ISO 10319.1993,
ISO 10321:1992



Different Fixtures:

- 120mm Geotextile Tension Fixture
- 220mm Geotextile Tension Fixture
- Geotextile CBR Punch Fixture
- Geotextiles Spherical Head Punch Fixture
- Geotextile Puncture Fixture
- Geotextiles Tearing Fixture





Contact:

niyan@timegroup.com.cn

Tel: 0086-10-62980816

Fax: 0086-10-62985475

Changes in products and/or product Specifications, operations can emerge due to new technologies and continuous development.

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