

HY-SGW600 Computer Control Electro - Hydraulic Servo Bending Testing Machine

Application

WAW-SGW600 microcomputer controlled electro-hydraulic servo bending tester is mainly used for testing and testing the bending performance of materials in various rolling mills, medium and heavy plate plants, steel research institutes, quality inspection institutes, shipbuilding and boiler industries, etc., because of its work With high efficiency, it is well received by users, especially the inspection departments of various rolling mills.

Data Acquisition and Control System

BPS Testing Machines are controlled by Software



Machine Features

- It can be used for V-shaped and U-shaped bending tests of round steel such as various plates and steel bars.
- Metal material bending test method" in the relevant provisions of the detection sheet hair plate at a predetermined bending angle blank crack surface situation.
- This machine can also be used as a press with additional accessories for compression test, shearing, reaming and other tests.
- The whole machine is composed of main engine, oil source system, electrical measurement and control system, and software system
- The loading and unloading force of the testing machine is stable, no vibration and no impact.
- This testing machine is a special machine for sheet bending. The main machine adopts the form of three cylinders and six columns, which has enough test space and compact structure, it is convenient to carry out various tests



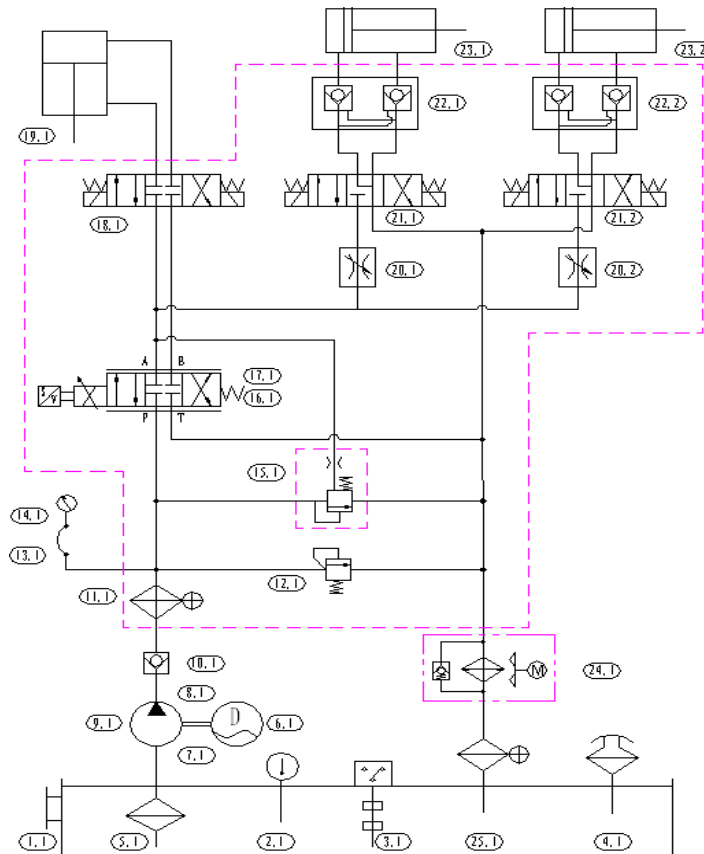
Force Measurement

Calibrated, in class of machine 1, load meets or exceeds the following standards: EN 7500-1 with certificate of calibration EN 7500-1

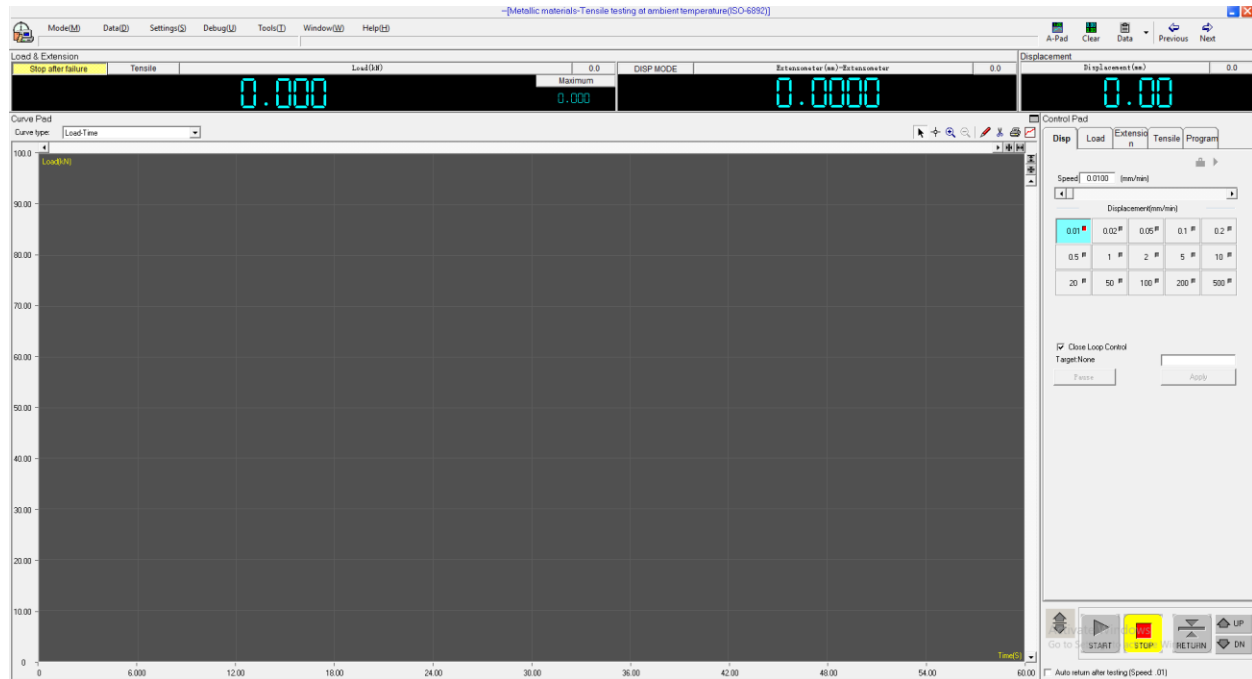
Bending Testing Machine

HY-SGW600 Computer Control Electro - Hydraulic Servo Bending Testing Machine

HY-SGW600 Parameter			
Load Frame (kN)	600	Maximum Vertical Force (kN)	600
Maximum Horizontal Force (kN)	300kN	Offset Range (mm)	10-250
Roll Diameter (mm)	Ø38	Roll Length (mm)	140/160
Vertical Piston Stroke (mm)	300	Horizontal Piston Stroke (mm)	120
Synchronization accuracy of horizontal cylinder	±2%	Range of bending angle	0-180°
Power Transmission	Servo hydraulic	Control System	Automatic via Software
Screen Displays During the Test in real time	Bending Angle, Bending Displacement, Bending Force, etc.	Accessories	Indenter diameter: standard $\phi 30$ (can be customized according to requirements)



HY-SGW600 Computer Control Electro - Hydraulic Servo Bending Testing Machine



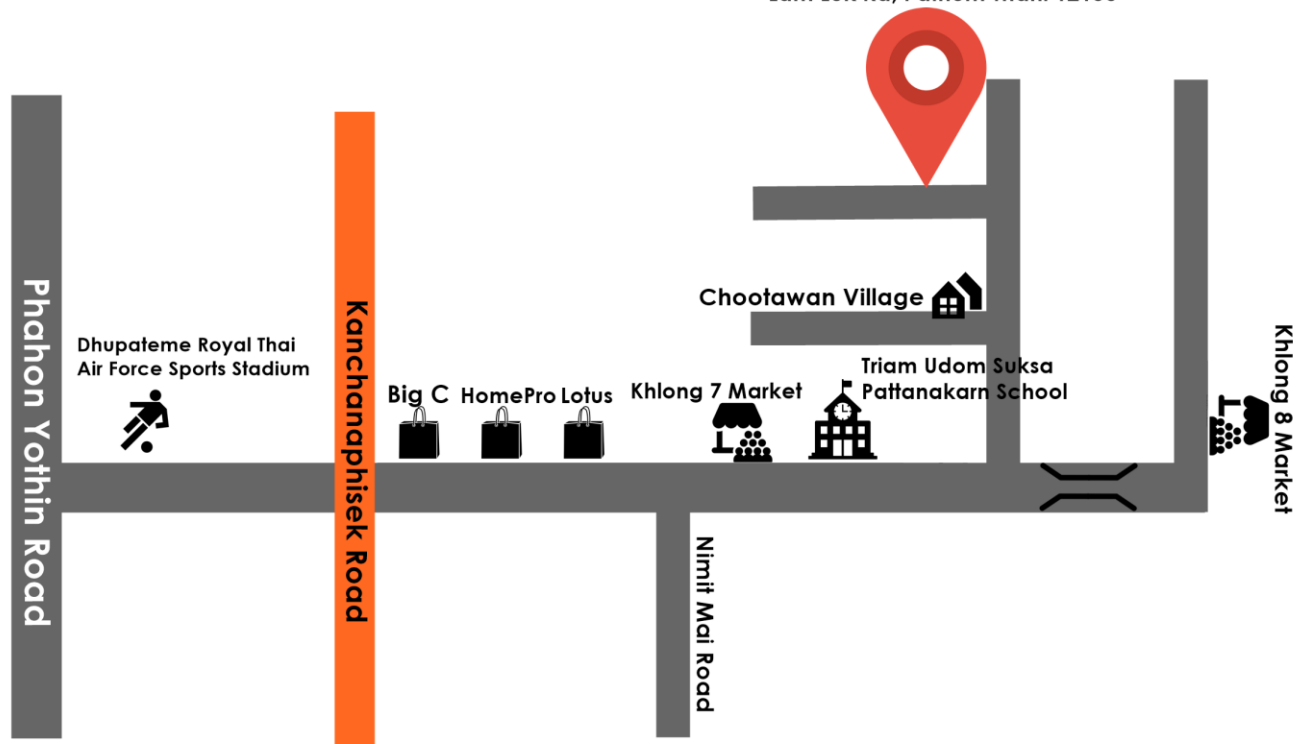
Control System

- The full digital control system of PC represents the highest level of control system development. It realizes the closed-loop control of vertical test force, vertical piston displacement and test progress, with constant velocity test force, constant velocity displacement, and test force retention, Displacement retention and other control functions, automatically draw force-displacement, displacement-time curves, automatically store or reproduce test data, and print test reports.
- test force, screen peaks, the piston displacement, the test curve display, full mouse input operations and a control module smooth Intelligent provided expert system, loading and unloading, during the test program can be controlled, it can also be the mouse flexibly adjusted test speed.
- Digital programmable amplifier guarantee zero, subscript sensor set all automatically performed by a computer, it can carry out sub-rights management user, the graphics display window having a plurality of functions.
- Sample information can be entered in batches, and the test sequence can be selected arbitrarily
- The testing machine has ability to expand and update.
- The main interface of the software interface test.



INSTRUMENT CO., LTD.
บริษัท บีพีเอส อินสตรูเมนต์ จำกัด

BPSINSTRUMENT CO.,LTD.
Apinya Village 40/16 Moo 5
Lam Luk Ka Rd., Lam Luk Ka Tambol,
Lam Luk Ka, Pathum Thani 12150



BPSINSTRUMENT CO.,LTD.

TEL : 02-1501090-92

FAX : 02-1501093

MOBILE : 086-378-7534

093-629-9788

Email : info@bpsinstrument.com



www.bpsinstrument.com