



Features

WEW-1000D machine is adopting oil hydraulic power to push the piston in the oil cylinder to provide loading force. It is very suitable for making test to different metal or non metal materials under high toughness and hardness against extreme big loading force. By using load transducer and photoelectric encoder, the computer is timely collecting the testing and displaying methods to process the testing parameters. The software based on Windows system is able to make automatic calculating of test result, i.e. tensile strength, up/low yield strength, Non proportional stress point etc.. Report creation function makes it very simple to make testing report in needed format. This machine is widely used in different areas and facilities.

Standards

In accordance with or exceed the requirements of the ISO6892.

WEW-1000D

HYDRAULIC UNIVERSAL
TESTING MACHINE

Applications

It is widely used in different steel works, engineering areas, quality control department, universities and institutes as well as other areas and works.

Technical Specification

Max. capacity (KN)	1000
Measuring range of force	2%-100% of Fs
Relative error of force reading	≤±1%
Relative error of deformation reading	≤±1%
Measuring range of deformation	0.2%-100% of Fs
Clamping method	Hydraulic clamping
Measurement device of deformation	Extensometer
Adjustment mechanism of test space	Chain drive
Safety protection device	Limitation switches
Overload protection	2%-5% of load
Round specimen clamping range(mm)	Φ13-Φ60
Flat specimen clamping range(mm)	0-40
Flat specimen clamping width(mm)	125
Max. tension test space (mm)	600
Max. compression test space (mm)	470
Cabinet dimensions (mm)	610*700*1100
Load frame dimensions (including piston stroke) (mm)	950*900*2510
Motor power of oil pump (KW)	1.5
Motor power of lower jaws (KW)	0.55
Load frame weight (KG)	4500
Column net distance (mm)	565
Compression platen size (mm)	204*204
Span of bending roller (mm)	800
Width of bending roller (mm)	140
Allowable camber (mm)	150
Max. piston stroke (mm)	250
Piston max. speed (mm/min)	Approx. 50
Crosshead max. speed (mm/min)	Approx 150
Software	TIME-SHIJIN software