

Applications:

This series machines are widely used for tension, compression, bending and shearing test of metal materials and also used for compression and bending test of nonmetal materials, such as cement, concrete and so on. Equipped with simple auxiliaries, it can be used for mechanical property testing of fastener, wire rope and components. They are perfect testing instrument for quality control testing section, universities and colleges, research institution and industrial and mining enterprise. The machine is designed and made according to ISO7500-1, ISO6892, ISO7438, ASTM A370, ASTM E4, ASTM E8 and BS, EN standards.



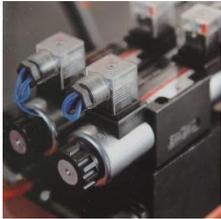
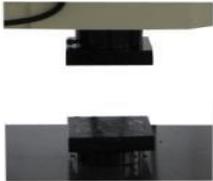
Features:

- Double test space, high rigidity of frame structure, up and down on the stability is good;
- LCD screen, debug easy, display real time;
- There is no subsection of all process, indicating value and load-displacement curve with LCD;
- Reading intuitive, high precision, can save specimen date, according to number query;
- Scale indicate the displacement of platform and remote control box control crosshead moving and clamping specimen;
- Adopt manual control, rotate hand wheel implementation force loading and unloading test, artificial control test speed;
- Host machine adopt cylinder-underneath type structure hydraulic load, hydraulic clamping specimen, tensile jaws fixed on crosshead, can adjust testing space by moving the middle crosshead;
- Chain transmission, affected by the two axis center distance is lesser, can maintain uniform speed, adapt to bad working conditions such as overloading, high temperature, etc;
- Italian Marzocchi oil pump, has good friction resistance, low noise, high efficiency, long life and other characteristics;
- Oil clearance sealing instead of O-ring sealing ring sealing, keep the cylinder loading stable and maintenance-free;
- Encoder can accurately measure the displacement of the working platform, effectively improve the accuracy of test results;
- Measure and control software display Chinese/English interface;
- Force clear, peak maintained, parameter setting, calibration and fine tuning, etc;
- Overloading, overvoltage, undervoltage protection function.

Key Specification:

Description	Technical parameters
Maximum force	1000KN
Grade	1
Control mode	manual operation
Accuracy	±1%
Clamping dia. of round specimen	φ 14-60mm
Clamping width of flat specimen	80mm
Clamping thickness of flat specimen	0-40mm
Valid tension space	650mm
Valid compression space	550 mm
Compression plate size	□200×200mm
Piston stroke	200mm
Power supply	3P,380V,50/60Hz (3P,220V ordered)
Working condition	RT 10℃~30℃, relative humidity ≅ 80%
Dimension of host machine	980×650×2450mm
Control cabinet dimension	700×700×1200 mm
Net weight	3300Kg

Accessories List:

Standard Accessories				
	Well-known brand in China, stack overflow valve and electromagnetic directional valve	Italian Marzocchi oil pump	High precision encoder	Well-known brand electronic component
				
	Chain transmission device	Mechanical limit switch	Ruler fixed on column	Remote control box on column
				
	LCD screen	Control panel	Load and unload handwheel	Tools
				
	Tensile accessory with jaws	Compression plate marked with circle		
	Option Accessories			
		Shear	Bolt clamp	Extensometer