

Hydraulic universal testing machine

LD-600B LCD digital hydraulic universal testing machine can be used for a variety of metal materials to test their tensile, compression, bending and shear. It can also be used as plastic, concrete, cement and other non-metallic materials' compression test. If it is added to some simple accessories, it can complete a variety of performance tests of the tape chain, wire rope, welding electrodes, tiles and components. The machine adopts the under cylinder, low height, light weight, which is especially suit for the construction sectors.



Electronic force measurement, LCD display test force - time curve, test force, test force peak, the yield strength with obvious yield characteristics material, experimental data convenient and intuitive; Through the digital key to input sample number, cross-sectional area, it can directly measure the tensile strength, yield strength and other mechanical properties of the materials; it can print the results of the experiment.

Technical Parameter

Maximum test force	600 kN
Testing machine accuracy	1degree
Accuracy of test force indication	$\leq \pm 1\%$
Range of test force	Maximum test force 4%~100%
Maximum tensile test space	590mm
Maximum compression test space	500mm

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Holding range of round sample	Φ6～40mm
Holding range of flat specimen	0～30mm
Holding width	80mm
Top and bottom pressure plate size	Φ140mm
Maximum distance between supporting rolls of bent support	400mm
Column spacing	450mm
piston stroke	200mm
Maximum piston speed	80mm/min
Maximum moving speed of beam	150mm/min
Oil pump motor power	2KW
Power of crossbeam moving motor	0.75kw
Machine size	730×590×2200mm
Machine weight	1800Kg