

LD- 200KN computer controlled universal testing machine

LD-200KN universal testing machine is applicable in testing the rubber ,plastic film ,cable , fabric , paper ,aluminum board and so on . It is ideal for high-capacity tension, compression, bend/flex, and shear testing, these machines are guaranteed to meet the relative requirements of ISO, ASTM, JIN, GB and many other testing standards.

The main machine adopts double space structure, the test space is up and down, mainly composed of base and frame. The frame is a portal structure, mainly composed of bottom plate, upper, middle and lower beams and connecting optical bars. The beam is made of steel.

High strength light bar is used to fix the upper beam and the working table, so that it constitutes a high rigid structural frame.

Imported digital servo motor drive, optimized deceleration system and high grade non-clearance ball screw composed of the transmission system, effectively reduce the equipment clearance, make the transmission more accurate and stable.



Main Technical Parameter :

Maximum test force	200kN
Test force indication accuracy	$\leq \pm 1\%$
Test force measurement range	Maximum test force 2%~100%
Test force accuracy	better than $\pm 1\%$
Displacement resolution	0.01mm
Displacement measurement accuracy	better than $\pm 1\%$
Test speed range	0.01-500mm/min
Stretching space (excluding clamps)	600mm
Compression space	600mm
Column spacing	570mm

The holding range of the wedge-shaped fixture	0-21mm for flat samples, Φ4-26mm for round samples
Host size	Refer to electronic universal testing machine for specific size
The weight of the main unit	Refer to electronic universal testing machine for specific size
Motor power	0.75KW
Power supply	220V, 50Hz