

HST-HT30 Horizontal Paper Tensile Strength Tester



Product Introduction :

The HST-HT30 horizontal paper tensile strength tester is a small-force material mechanics testing machine specifically designed to test the tensile strength of paper products . The instrument is suitable for testing the tensile strength and other properties of various products such as toilet paper, tissues, wet wipes, packaging paper, non-woven fabrics, and fleece fabrics .

Technical parameters:

index	parameter
Test force	3, 5, 10, 30, 50, and 100N are available .
Standard test force	30N
Operation method	Professional tensile strength measurement and control software
Test methods	Constant speed stretching method
Measurement range	0.5 %–100% of the maximum test force
Precision level	± 0.5 %
Test force accuracy	Better than ± 0.5 % of the indicated value

Deformation display error	Better than ± 0.5 % of the indicated value
Test force resolution	0.00 1N
Displacement resolution	0.001mm
Deformation accuracy	Better than ± 0.5 %
LCD display content	Test force, displacement, peak value, operating status, operating speed, etc.
Continuously variable speed	Stepper motor and control system adopted
driving method	Stepper motor , ball screw drive
Speed range	1 mm/min ~ 500 mm/min
Test route	300mm (excluding clamps)
Test protection function	Overload protection , leakage protection, limit protection
power supply	AC 220V 50Hz
External dimensions	Main unit: 600mm (L) × 300mm (W) × 250mm (H)
net weight	Approximately 20 kg

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