

KASON-HT30 Horizontal Paper Tensile Strength Tester



Product Introduction :

The KASON-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 .

Features:

1. The system adopts microcomputer control, with an LCD display screen and PVC operation panel, which allows users to quickly and intuitively view test data and results ;
2. Equipped with a variety of force sensors to choose from , supporting both peel and tensile testing modes ;
3. The test speed is infinitely adjustable to meet the requirements of different test conditions ;
4. The instrument has statistical analysis functions for the maximum, minimum, and average values of test data ;
5. Intelligent features such as limit protection, overload protection, automatic zeroing, and fault indication ensure user safety .
6. Equipped with a mini printer and a universal data interface (optional) for convenient data output and transmission ;

Reference Standard :

This instrument conforms to multiple national and international standards: GB/T 12914 , GB13022 , GBT1040 , GB2792, GBT24328.4, GBT14344-9, GBT2191 , QBT2171 , ISO1924-2 , etc.

Technical parameters:

Model	KASON-HT30
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

Product Configuration:

Standard configuration: main unit, standard fixture, mini printer, power cord, technical documents, etc.

Optional accessories: computer, professional software, communication cables, non-standard testing accessories;

FOCUS IN MATERIAL TEST

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