

Universal tensile test machine

Application Range

- Paper, cardboard; aluminum foil, aluminum-plastic tape;
- Plastic film and other non-metallic materials.
- Non-woven fabric

Product Function

- Measure tensile and tensile strength
- Measuring elongation, breaking length, tensile energy absorption, tensile index, tensile energy absorption index, elastic modulus
- Measure the peel strength of adhesive tape

Product Features

- Closed-loop servo stepping motor, ball screw and three guide shafts provide stable and accurate transmission.
- A 10-inch color LCD touch screen is used to display the stretching curve in real time.
- The ARM processor and 24-bit analog-to-digital converter improve the response speed of the instrument and ensure the real-time performance of the measurement.
- Sudden power failure data storage function, data before power failure after power-on is retained and testing can be continued.
- Features of automatic reset, data memory, overload protection and fault self-diagnosis.
- Cooperate with computer software for communication (purchased separately).



Technical Parameters

No.	Parameter item	Technical index
1	Power Supply	AC(100~240)V, (50/60)Hz 100W
2	Working Environment	Temperature(10~35)°C, Humidity≤ 85%
3	Display	10 inch color touch screen
4	Measuring range	(0.15~30)N / (1~300)N / (3~1000)N
5	Display resolution	0.001N(L30A) / 0.01N(L300A) / 0.01N(L1000A)
6	Indication error	±0.5%(Range5%~100%)
7	Work stroke	350mm / 900mm(customize)
8	Sample width	15mm(25mm, 50mmOptional)
9	Stretching speed	(1~500)mm/min(Can be adjusted arbitrarily)
10	Print	Built-in thermal printer
11	Communication Interface	RS232(Default) (USB, WIFI optional)
12	Dimension	550 ×530 ×900 mm
13	Net Weight	95kg around