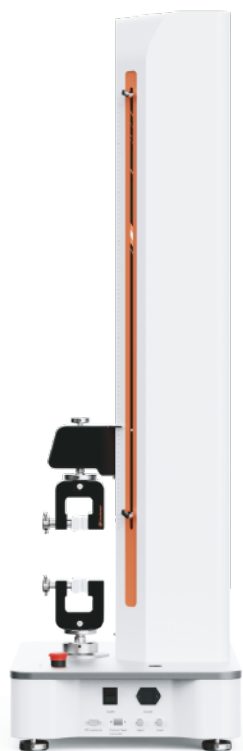


SmartPull Tensile Tester

SmartPull tensile tester is mainly used for tension, compression, bending, tearing, shearing, peeling and top-breaking tests of textiles, leather and footwear, etc.

SmartPull Tensile Tester



- Safety guarantee for the whole testing process**
 Equipped with intelligent and active displacement and torque alarm system, overload and emergency stop device, up and down travel limiting device, always keep the testing process safe and stable.
- Powerful software**
 The test software can be applied to different languages, and can present the displacement, maximum force, elongation, stress, maximum stress, bending stress, speed and other test results. That is getting more comprehensive test indicators.
- Applicable up to a series of standards**
 Many standards and optional standards such as ISO3377 ISO 13935 ISO 13937 ISO 20932-1 ISO 4674 ASTM 5034 ASTM D4964 GB/T 3917.5 FZ/T 01030,etc.
- Easy operation**
 Multi-functional pneumatic gripper, replace the clips to complete different tests, easy and quick. No need to replace the sensor when do tensile tests and top breaking tests.
- Unique design**
 Unique appearance design combined with sense of technology, surface aluminum alloy hard oxidation treatment, durable.
- User-friendly**
 Side cutting design, more user-friendly.



Power
230V 50/60Hz 5A



Weight
Single 90kg
Double 160kg



Dimension
Single 460*630*1470mm (D*W*H)
Double 600*830*1730mm (D*W*H)

Specifications

Testing capacity	single 250kg/double 1000kg
Test level	class1
Max travel	single 800mm/double 900mm (without fixture)
Travel accuracy	single 1%/double 0.5%
Travel speed	single 1 mm/min ~ 500mm/min; double 1mm/min-1000mm/min
Speed accuracy	single 1 %/double 0.2%-1%
Test force range	0.2% ~ 100 % FS
Force accuracy	≤1%

Standard fixture and standards

Manual stretching fixture should be equipped with clips by 25x25mm 25x50mm 25x75mm
 ISO 9073-3 ISO 13934-1 ISO 13934-2
 ISO 13935-1 ISO 13935-2 ASTM D5034 ASTM D5035

Optional fixture and standards

The Pneumatic tension fixture & foot switch are equipped with clips by 25x25mm, 25x50mm, 25x75mm
 (Optional 100 mm jaws)

U-shaped Fixture	ASTM D4964
Yarn Fixture	ISO2062
Bursting Fixture	ASTM D679 FZ/T 01030 GB/T 19976
Leather Tearing Fixture	ISO 3377-2

Standards of the optional tension fixture

ISO 9073-4 ISO 3377-1 ISO 13936-1 ISO 13936-2
 ISO 13937-2 ISO 13937-3 ISO 13937-4 ISO 20932-1
 ISO 4674-1 GB/T 3917.3 GB/T 3917.5 GB/T 3923.1

Accessories

Standard accessories: manual stretching jig, 25x25mm jaws, 25x50mm jaws, 25x75mm jaws, sample template, pins, manual, power cord, communication cable, control panel, fuse

Optional accessories

pneumatic stretching jig, foot switch, bursting jig

