

Instrument characteristics

Big-screen / Digital-display

Bluetooth transmission

High precision

MES supported



STC-50PRO

FABRIC TENSION GAUGE

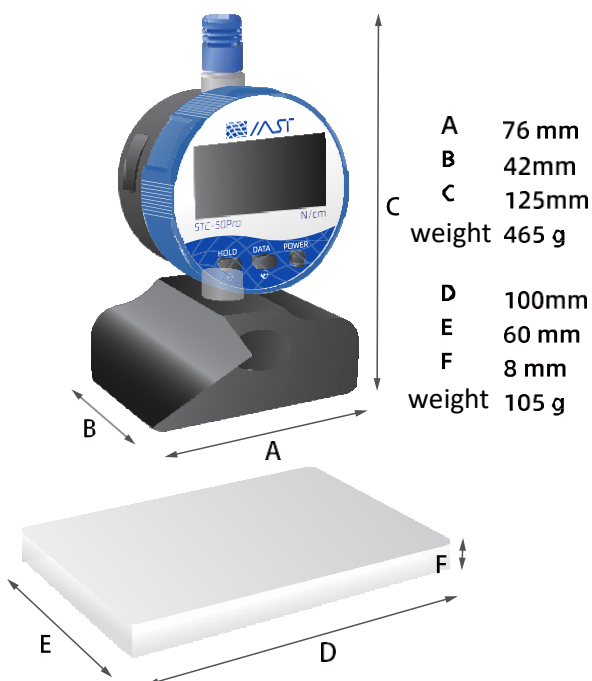
New generation digital-display tension gauge, adopts high-precision transmission probe and advanced digital display technology.

Applicable to various type of fabric tension detection and real-time display fabric tension value, capable to fulfill excellent measurement accuracy and stability. Standard configuration of Bluetooth data transmission function to ensure every measurement are reliable and high-repeatability. New model of gauge provides series of add-on function which not available in any similar products on the market.

Particular features

- Intuitive color screen displays by separate various function with different color.
- Precise measurement with resolution of 0.1N/cm
- Efficient & precise of real-time measurement values display.
- Applicable for various fabrics (PET, PA, Steel)
- Build-in chargeable 800mAh lithium battery for better durability.
- Standard configuration of Bluetooth data transmission (HID)
- Capable to lock measurement data to facilitate recording measured values.
- Data auto transmission instead of manual recording.
- IP54 level design

Product parameter



Chargeable lithium battery (capacity 800mAh) can charge via USB C connector (maximum voltage 5V/1A). Regular battery life about 30 hours, when operating with Bluetooth communication mode, battery life will be reduced.

Resolution	0.1 N/cm	
Measuring range / Tolerance	5-9.8 N/cm 10-19.8 N/cn 20-29.8 N/cn 30-39.5 N/cm 40-50.0 N/cm	±0.1 N/cn ±0.2 N/cn ±0.3 N/cn ±0.5 N/cn ±1.0 N/cn
Data transmission	Standard configuration if USB Type-C virtual keyboard / Bluetooth output, automatic data transmission.	
Temperature	Working environment 15 - 35°C	Transportation / Storage -10 - 60°C
Humidity	Working environment 40 - 60%	Transportation / Storage max. 85%

* Technical data subject to change without notice