

AUTOMATIC BOND STRENGTH TESTER TPBS-10A

The automatic bond strength tester is suitable for testing the pull-off strength of rivets used to fix thermal insulation materials in construction projects, the bond strength of wall thermal insulation materials, and the bond strength of exterior wall facing tiles, carbon fiber materials, various panels, paints and other materials. It adopts mechatronics design and is equipped with high-precision S-type sensor. The display, sensor, lead screw, reaction support and other mechanical transmission parts form a "gate" structure. It can display KN, MPa, Psi and other units at the same time. It is light in weight, labor-saving and easy to use.



FEATURES

- Integrated structure design, one-button loading, no manual testing required.
- The transmission parts are made of 42CrMo, which has been quenched and tempered, making it more durable and stronger.
- The shell is made of high-strength aluminum alloy, which has higher load capacity and is more durable.
- The supporting legs adopt a hollow design, which makes it more convenient to hold without affecting the strength.
- Adopt high-precision S-type sensor with accuracy level above 0.5%F.S.
- It adopts a 2.2-inch touch screen plus external buttons, with clear display and easy operation.
- Real-time display of force value, strength value, displacement and speed.
- Force value, intensity value and time curve display function, polyline correction function and peak value hold function.
- The test force value can be set, and the equipment will stop automatically when the test force value is reached.
- Data can be recorded, queried, deleted and exported.
- The hardware and software adopt double safety protection devices to ensure the reliability of detection.
- It is powered by imported lithium batteries and can be equipped with a large-capacity external power supply for longer battery life.

SINCE 2006

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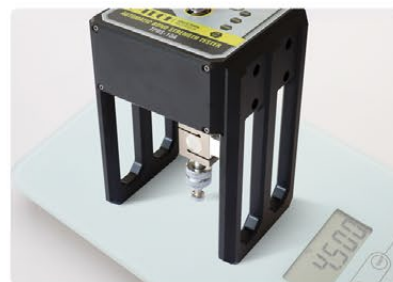
AUTOMATIC BOND STRENGTH TESTER TPBS-10A

TECHNICAL SPECIFICATIONS

Display mode	KN, MPa, and psi are displayed at the same time
Control mode	Touch screen + button
Display	2.2-inch LCD touch screen
Print	Bluetooth printer (optional)
Host material	Lightweight aluminum alloy
Measuring range	0~10KN
Resolution	0.001KN
Accuracy level	0.5% F.S
Displacement range	50 mm
Displacement resolution	0.01mm
Tensile rate	4~14mm/min adjustable
Value correction	10-segment polyline
Storage capacity	200,000 records
Power supply	Lithium battery
Host dimension	240×150×165mm
Packaging dimension	430×230×350mm
Host weight	4.5kg
Total weight	12.5kg



High-precision sensor



Ultra-light body



Bluetooth printing



Carrying box



Host



Bluetooth printer



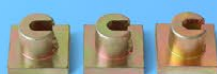
Bond strength adhesive



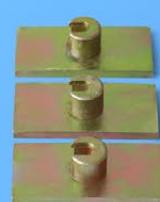
Rivet test block



Test plate 100×100mm



Test plate 40×40mm



Test plate 45×90mm



Charger