



BPS INSTRUMENT

TENSILE TESTING MACHINE

Combination instrument:

The electric load cell is composed of the simplest machine structure, which can perform the touch test of the silicone rubber keys at very fast speed. Meanwhile, it can test the peak value, valley value, hand value and corresponding stroke value of various products

The electric load tester is suitable for the field measurement of conductive rubber, metal shrapnel and film keys, the peak value data of various touch switches can be measured by sensor induction, and the stability of quality can be quickly in the field. It is also suitable for the quality control inspection station and engineering department.



Data Acquisition and Control System

BPS Testing Machines are controlled by LCD to displayed real time graph and values (peak value, valley value, hand value and corresponding stroke value of various products, etc.)



Machine Features

- Determination of maximum:10kgf
- Minimum resolution:0.01 GF
- Maximum measuring stroke:100mm
- Minimum display stroke:0.01mm
- Determination speed range:0-300mm/min
- Transmission mechanism: ball screw
- Power source: 220V

Force Measurement

Calibrated, in class of machine not over than class 1, load meets or exceeds the following standards: with certificate of calibration EN 7500-1 (Optional)

Universal Testing Machine

**1302MF LCD Control Electronic
Loadcell Testing machine**



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TENSILE TESTING MACHINE

Main Function and Features:

- Powerful function, convenient and fast measurement, can meet the needs of pipeline testing and quality control room testing
- Five groups of Data can be displayed at the same time: peak load, peak load, peak stroke, valley stroke, hand feel value
- Display mode: 7-inch touch screen display
- Automation memory function, maximum 1000 groups memory function
- Units: GF LBF N(four units can be converted to each other) mastered

Operation interface function description:

Number of tests: Represents the cumulative number of tests performed.

Load: Represents the current real-time load detected.

Stroke: Represents the distance traveled by the motor.

Zero load: Pressing this button will reset the current load and stroke to zero.

Peak value 1: The position of the peak point of the first load value during the test of the journey (When the load changes from small to large, and when the load changes from large to small and exceeds a certain ratio or strength value, grab this point as the peak position).

Valley value 1: The position of the first load value valley point during the course of the test. (The load changes from small to large, when the load changes from large to small and exceeds a certain ratio or strength value, this point is captured as the peak position, and when the load changes from small to large and exceeds a certain ratio or strength value after the occurrence of the peak point, this point is captured as the valley position).

Difference: The difference between peak value 1 and valley value 1

Feel value: The difference of 1 over the peak value of 1 times 100% is the feel value.

Peak 2: the position near the first peak of the load value at the origin during the return trip. (The change of load on the return trip is from small to large near the origin end. When the change of load is from large to small and exceeds a certain ratio or strength value, grab this point as the peak position).

Valley value 2: The position near the first load value valley point at the origin during the return trip test. (The change of load on the return trip is from small to large near the origin end. When the change of load on the return trip is from large to small and exceeds a certain ratio or strength value, this point is captured as the peak position; and when the change of the return trip is from small to large and exceeds a certain ratio or strength value, this point is captured as the valley position).

Peak 1 stroke: the position corresponding to the peak 1 is captured.

Peak 2 stroke: the position corresponding to the peak 2 is captured.

Valley value 1 stroke: The corresponding position when capturing valley value 1.

Valley value 2 stroke: The corresponding position when capturing valley value 2.

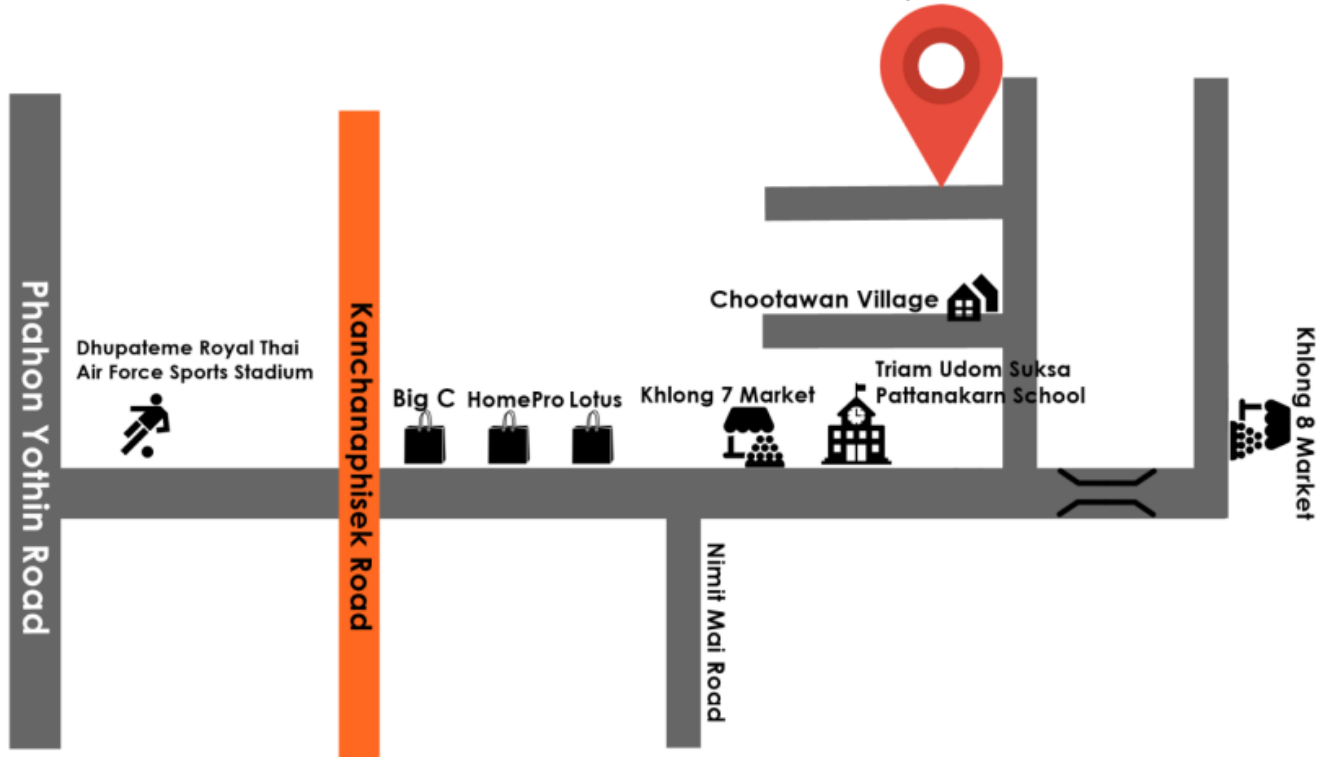
Test-stop: Start stop testing

Rise and fall: press every short to move 1mm. Press long to run continuously.



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BPSINSTRUMENT CO.,LTD.
Apinya Village 40/16 Moo 5
Lam Luk Ka Rd., Lam Luk Ka Tambol,
Lam Luk Ka, Pathum Thani 12150



BPS INSTRUMENT CO.,LTD.

TEL :02-1501090-92

FAX :02-1501093

MOBILE :086-378-7534

093-629-9788

Email.com :info@bpsinstrument.com



www.bpsinstrument.com

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