

Electric Horizontal Test Stand

SJH-500

USER'S MANUAL

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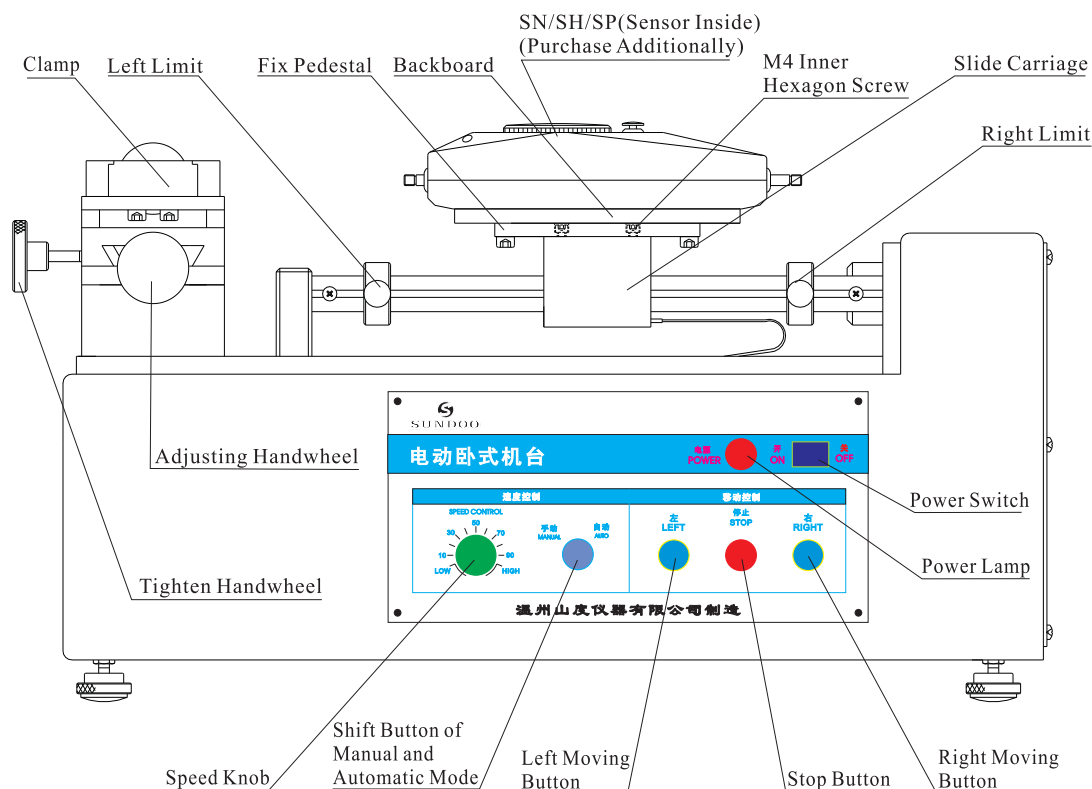
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1. Structure



2. Function

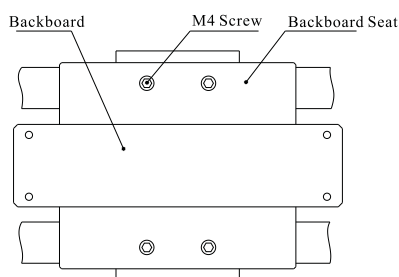
SJH-500 Electric Horizontal Test Stand, applied in tension and compression test, insertion and withdrawing test, fracture test, is assembled with SN/SH/SP(Sensor Inside) Series Force Gauge. The stand adopts double-column construction with good stability, wide application range and easy operation. Furthermore, it has advantages of non-polar speed adjustment, manual or automatic operation, suitable for fields of rubber & plastic, textile, construction, complex material, wire & cables, auto accessories, engine and scientific research, etc.

3.Specification

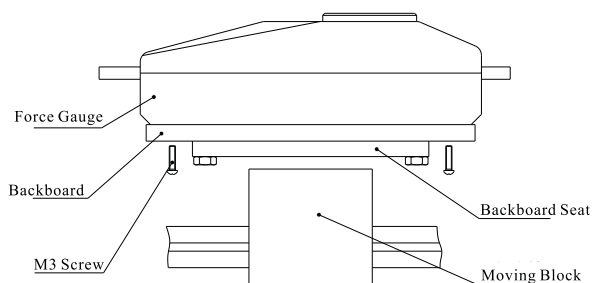
Capacity	500N
Stroke	210mm
Testing Speed	50-500mm/min
Max Gap	280mm
Work Voltage	single-phase 220V
Rate Current	1.5A
Fuse of Main Circuit	3A
Fuse of Controlling Circuit	0.5A
Work Temperature	$20\pm 10^{\circ}\text{C}$
Store & Delivery Temperature	$-27^{\circ}\text{C}\sim +70^{\circ}\text{C}$
Relative Humidity	15%~80% RH

4.Operation

Installation of Force Gauge



Face of Backboard



Installation Picture of Force Gauge

- Loosen 4 pieces of M4 screws on backboard seat by M4 spanner, and take backboard seat and other discreteness off;
- When installing SN Analog Force Gauge, take off 4 pieces of M3x8 screws on back cover of gauge, fix the force gauge on backboard by M3x14 screws; when installing digital force gauge, fix the gauge on backboard by M3x8 screws;
- Fix the backboard (with force gauge) on the test stand by M4 screws. Pay attention to the push and pull direction of SN Analog Force Gauge.

Examine Before Operation

- Backboard of force gauge is fixed firmly;
- Turn on the power switch, power lamp is light;
- Examine the stand whether there is abnormal sound when moving without load.

Manual Test

Choose the Manual mode by pressing Shift Button of Manual and Automatic Mode; Pressing Left or Right Moving Button all along, the test stand will work; Loosen the button, the test stand will stop and finish testing.

Automatic Test

Choose the Automatic mode by pressing Shift Button of Manual and Automatic Mode; Pressing Left or Right Moving Button once, the test stand will work; Press Stop button, the stand will stop and finish testing.

Adjustment of Test Speed

The test speed is adjustable during or before the test. Turn the Speed knob to the required speed.

5.Maintenance

- A. The rated load of this test stand is 500N, please do not use it with exceeding load, which will destroy the machine;
- B. Handle lightly during using and moving;
- C. Please clean the machine by soft cloth. Dip the cloth in the water with cleanser then dry it and clean the dirt. Do not use the corrosive chemical substance, such as acetone ;
- D. Do not tear down, repair, or update the machine by yourself, which may cause permanent trouble;
- E. Please keep the environment clean and prevent liquid or metal scraps from entering the engine box. Otherwise electric shock may happen and driving components may be damaged;
- F. Please keep the column and lower slide carriage hole clean;
- G. Add some lubricant to screw mandrel and gear after period of time;
- H. Please pull out power connector, and make the stand away from dust and moisture if it is not used.

6.Packing List

Number	Parts Name	Quantity
1	SJH-500 Main Body	1
2	220V Power Wire	1
3	M4 Inner Hexagon Spanner	1
4	Manual	1
5	M10 Nut Bottom	4
6	Qualification Certificate	1

CONTINUATION

Dear user

We are pleased for your patronage of purchasing our SJH-500 Electric Vertical Test Stand. Before using the equipment, please read the manual carefully and keep it well to give you help when you can not learn it or there is something wrong with it.

Description in the manual is based on the newest products. Owing to improvement or other changes, contents of manual may differ from practical situation. Our company will reserve the right of recension at any moment. Please kindly forgive not to notify the revised place one by one.

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