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OPERATION MANUAL

Model ISF-HTS500

Motorized Horizontal Test Stand



Function

ISF-HTS500 Motorized Horizontal Test Stand is applied in tension and compression test. The stand is assembled with ISF-F pull/push gauge and ISF-DF digital pull/push gauge by different fix-board, combined measurement stand with various specification. The stand is adapted double-column construction, the stand have stability, wide applied range and easy to operate. It has the function of continues speed control, alternation spot motion and continues motion. Adapted on rubble & plastic, textile, light industry, construction frame, complex material, wires and cable, automobile component, power machinery and science research.

Specification

Capacity: 5000N
Measuring Stroke: 200mm
Measuring Speed: 25-480mm/min
Maximum Gap: 280mm
Rate flow: 1.5A
Fuse of Main Circuit: 3A
Fuse of Control Circuit: 0.5A
Work Temperature: 20±100°C
Store & Delivery Temperature: -270°C-700°C
Relative Humidity: 15%-80% RH

Operation

Examine before Operation

- Lock the fixboard.
- Switch on the electric power, turn on the Power Switch, the Power indicator is light.
- The stand behave without load, listen the stand whether make abnormal sound.

Spot Motion Test

- Turn the Spot Motion (Manual)/Continues Motion (Automatic) Shift Switch to the Spot Motion.
- Continue to press the left button or right button, the stand begins to work and test.
- Loose the left button or right button, the stand stop working and testing.

Automatic Test

- Turn the Spot Motion (Manual)/Continues Motion (Automatic) shift Switch to the Auto position.
- Press the Up or Down button, the stand begin to work and test.
- Press the Stop button, the stand stops to work and test.

Change the direction of Force Gauge

- Turn the stand off when the moving pedestal is at the left end.
- Loose the lock knob to disassemble the fixboard.
- Change the direction of Force Gauge; fix the fixboard on the stand, tighten the lock knob to fasten the fixboard.

Adjustment of Test Speed

The test speed is alternative in the test course or before test course to get perfect measuring speed. Turn round the Speed Controller to the speed dial which in needed by the test.

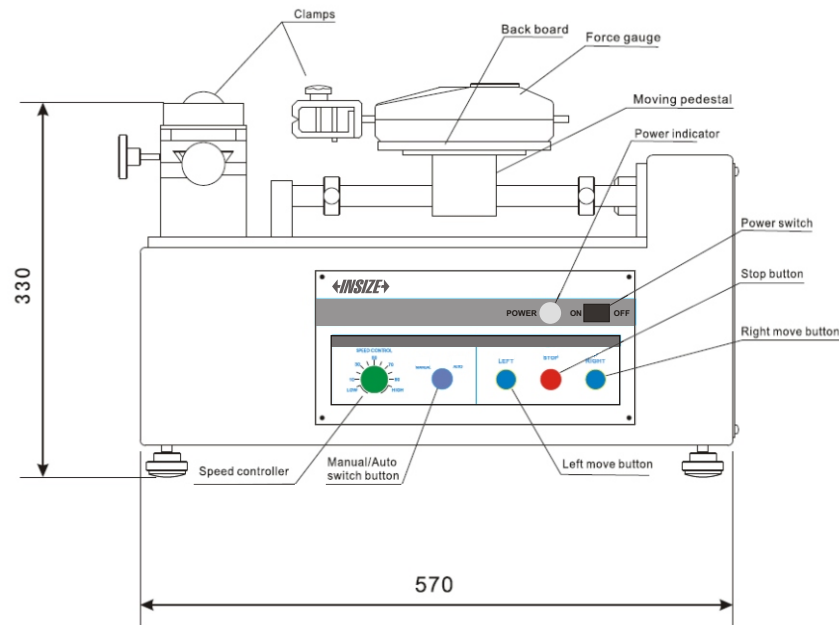
Maintenance

- Please preserve clean environment. Avoid liquid and metal scraps into the engine box, that cause Electric components short or damage the drive component.
- Please maintain column motion pedestal gliding and clean.
- Should be appended lubricant to the drive stroke and gear termly.
- When you will not use the stand, please make the stand with dustproof and moisture-proof treatment.

Package List

Item	Description	Quantity
1	ISF-HTS500 Test Stand	1pc.
2	Clamps	1pc.
3	Operation Manual	1pc.
4	Cable	1pc.
5	M4 Wrench	1pc.
6	Qualification Certificate	1pc.

Construction



Continuation

Dear user

We're indebted for your patronage to purchase ISF-HTS500 Motorized Horizontal Test Stand. Before using the instrument, please carefully read the manual to use it rightly. Please keep the manual and the warranty well to give you help when you can't learn it or there is something wrong with it. Data of the manual is equally had newest product as evidence, because of improvement or other change, description of manual may differ from practical situation. Our company will reserve the right corrected at any moment, it is difficult to list the corrected place one by one.