



HSV-500/1K MOTORIZED TEST STAND

USER'S MANUAL



1. Function

HSV Motorized Test Stand are special designed for HP Digital force gauge and NK Analog force gauge. They with step less timing, manual and automatic controller, test number or test time controller, LED screen shows, overload protected, high quality motor advantages. They are easy operation and widely use for tension/compression, insertion/withdraw, fatigue test and fracture test, such as in the field of hardware, automobile component, plastic, light industry, wires, cables, rubber, machinery, electronic line, college, science, science research and so on.

2. Parameter

Capacity: 500/1000N;

Range: 500mm;

Test speed: 30~240 mm/min;

Dimension: 360*255*1000(mm);

Net weight: 50 Kgs;

Gross weight: 60 Kgs;

Counter function: set cycle 9999 times;

Signal output: reach setting value, test standstop working;

Safety: Voltage overload protect, position-limit protect, auto stop protect when external overload;

Power: AC 220V



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3. Counter manual

Lower of counter is digi display screen, show test number, upper of counter is preset number, most can set 9999 times, test stand up and down one time, the number add one , when test time equal to preset number , test stand will stop working automatic, it is widely use for fatigue test。 If want to test again, please press STOP key.

4. Force gauge method of installation

Use the 4 pcs M4 screws with the force gauge to install the force gauge to the fixing board, and please make sure the force gauge rod is vertical, then lock the M4 screws.

5 . Special function

When HP series digital force gauge match to HSV series motorized test stand with a special signal cable, it will have a special function. Set the digital force gauge CPDT as a certain value, for example, if your force gauge is HP-500, and you want to test a sample as 250N, but you only want to know is it can endure 250N, don't want to destroy the sample.

Then when the force reach 250N, the digital force gauge will send out a signal to HSV, then HSV will stop working, this function not only can protect the sample, but also can protect the load cell of digital force gauge.