

DOUBLE ARM DROP TEST MACHINE

Model:HY-CY-DL-80



This manual details machine setting and technical parameters. Please keep it properly.



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Please read the instruction carefully before using it.

I.Machine overview:

Drop test machine, mainly to meet the transport capacity of products under the packaging capacity, so as to improve and perfect packaging design. Drop test machine, with double-column direction, spring buffer, height gauge instructions, stable and reliable work, can achieve edge, surface, angle drop, meet the GB / T4857.5-92, ISO2248-1972 (E) standards.

II.Techical parameters:

1. Index / Model:
2. Drop height (mm): 400-1500
- 3 specimen maximum weight (kg): about 80
4. The largest specimen size (mm): 1200 × 800 × 1000
- 5 impact panel size (mm): 1400 × 1200
- 4, floor size: 1400 * 1400 * 14MM
5. Test bench dimensions (mm): 1400 × 1200 × 2200
- 6, motor power: 0.75kw
- 7, drop error: ± 10mm;
- 8, drop plane error <1 °
9. Horsepower: Increase 1 / 3P, manually adjust the width
- 10, height display using high-precision encoder induction
- 11, power supply: 380V, 1.5KW
- 12 motor power: 0.75kw
13. Net weight (kg): 300
14. Test system to meet the norms: ISO22488-1972 (E)

III.the use of methods:

1. Connect the power (AC380V, 10A);
- 2.Turn the power switch clockwise
3. to see whether the two wings in a horizontal position, or hand to the horizontal position;
4. Tap the rising button to raise the two wings to the desired position, tap the stop button;
5. Put the product under test and fix it with the fixture;
6. Set the number of tests and press the reset button (RST) clear;
7. Tap the drop button to start the test;
8. repeatedly test until it reaches the set number of tests automatically cut off the power supply (drop button invalid);
9. Carry out the next product test or turn off the power. Note: Drop test station is strictly prohibited!
(Danger)

IV.Installation and structure:

The test machine for the overall assembly and delivery, without the need to install their own customers.

V.Safety matters:

1. The testing machine is only suitable for three-phase four-wire 380V AC power supply.
 2. Do not place flammable objects around the testing machine to avoid fire.
 - 3 test machine housing must be grounded, or there is a risk of electric shock.
 4. Power into the terminal should be connected with the same capacity with leakage protection of the air switch and contactor, in case of emergency immediately cut off the power.
 5. While the machine is running, do not touch any part except the control panel by hand to prevent abrasion or crushing.
- 6.If you need to move the machine, be sure to cut off the power, cool for 5 minutes and then operate.

Instrument manual

VI.Instrument operating instructions:

RESET: Reset button, press this button to display the lowest value of 000400 (this button is not required)
MODE: function key, press this key for more than or equal to 3 seconds, enter parameter modification,
backup: set the value of the height and the actual value within 10mm, without modification, if more than
10mm, please inform the company how to modify the first Press this key for less than 3 seconds, the
instrument digital tube flashes, this time the desired value of the drop, press the shift key or value-added
key to set the desired height "Backup: the upper row of digital tube flashing, the lower row shows SET1"
Press the second time Key is less than 3 seconds, the upper row shows 001510, the lower row shows SET2,
this time without modification, 001510 is the total height protection value, the third press this key, the
digital tube on the row actual value or 000400, the lower row shows 001510 total height Protection value,
this display is correct, you can press the panel up, down normal operation

: Shift key: used to change the digital display tube position

:Value-added key: used to change the value of the size

VII.Precautions and maintenance:

1, Each test is completed, the drop arm to fall, so as not to reset the drop arm for a long time to
pull the spring deformation, the impact of test results, please reset before each drop to set the motor
to stop rotating before you can press the drop button;



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- 2, The new machine to the factory installation is completed, the sliding rod must be at the appropriate low concentration of oil, non-adding anti-rust oil or high concentrations of oil and backlog with a corrosive oil).
- 3, If the oil for a long time there is too much dust, please lower the machine to the lower part, wipe the test before the oil, then heavy machine oil;
- 4, The impact of the machine is mechanical impact, the new machine is used more than 500 times, the screws should be fastened to one, in order to avoid failure.