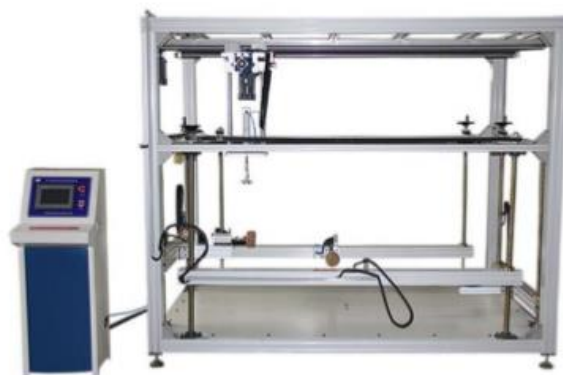


RGT-1514

Product Description

Crib comprehensive performance testing machine



Structural principle:

The machine includes a table, aluminum frame, side biasing means for vertically biasing means adjusting device side and top cross-slide or the like, the table, the side biasing means for vertically biasing means side adjusting means and the top of the cross-slide is fixed in the aluminum alloy frame. Cross slide in both directions to adjust the position of the test station by a motor. By hand wheel to adjust the position of the side biasing means. By adjusting the air pressure to adjust the desired force value. The size of the force sensor values recorded force value and displayed.

Applied standard:

QBT 2453.2-199 home crib and folding cots test methods.

Article 1 next to the plate board strength test (bending test 5.6)

The 250N rotation force exerted on each side of the middle of a side plate and end plate board next to a bar. Force should be towards the two axes of the longitudinal and lateral directions crib horizontally applied. The force shall be applied to the midpoint between the top and bottom slats. Pressure holding time should be 30s. Slats record any break or deform, and any other damage

2 frame and fasteners vertical static load test 5.8.1

300 N to a vertical downward force to the top of the crib next to the plate F- load 10 times. Every time you load all the time for at least 10 s side panels and bedside different structures should test

3. Durability Test 5.8.2 framework and fasteners

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The crib is placed on the ground, with all the stopper fixed bed legs. The test load is placed in the center of the bottom of the crib. By loading pad and a crib from four horizontal directions pressurized equipment 100 N force is applied, the two forces opposing each other in the longitudinal direction and in the transverse direction. Force should be followed according to the loaded 2000 Week, and each force should be loaded in less than 1s time from 0 to 100 N and then back to 0. Afterburner point should be located away from the intersection next to the plate member centerline 50m m at the highest point in this position. Record any damage or hardware accessories fasteners, loose or fall off.

Technical parameters

1. From 0 to 1. The 100N within each load force of not less than 1s time back to 0
2. The next article urging the cylinder side, adjust the force value: 0-300N
3. The side of the cylinder up and down, left and right to adjust the position
4. urging means electric vertical position can be adjusted
5. Force value accuracy: $\pm 1\%$
6. Control system: PLC
7. Display: Touchscreen
8. arbitrarily set the number of tests, the action sequence.
9. Display force value, number, retention time, displacement
10. Aluminum alloy frame

Function:

I. The side plate board strip strength test (bending test)

The 250N force is applied to the middle of each side in turn next to a plate and end plate board beside a bar. Force should be moving in two axes vertical and horizontal direction crib is applied horizontally. Force should be applied to the midpoint between the top and bottom slats. Pressure holding time should be 30s. Record any broken slats and any other damage or deformation

II. Framework and fasteners vertical static load test

300 N with a vertical downward force on the top of the crib beside F- load plate 10 times. Every load time for at least 10 s all side panels and bedside different structures should test