

HD-F769 沙发疲劳测试仪 (QB1952.1)

HD-F769 Sofa Durability Tester (QB1952.1)



主要功能 Product description

沙发的力学性能试验主要是试验沙发的座、背和扶手的耐久性。

试验时将一定形状、质量的加载模块，以规定的加载形式、频率，分别对座、背和扶手表面。这一试验方法是模拟日常使用条件下，检验沙发对长期重复性载荷的承受能力。

通过各个等级时座、背的面料应完好无损，面料缝绉处无脱线或开裂，垫料无移位或破损，弹簧无倾斜，无松动或断簧，绷带无断裂损坏或松动；骨架无永久性松动或断裂而背松动量，背剩余松动量，扶手松动量和压缩量等必须符合要求

The machine is mainly used to test durability of seat, back and arm rest.

Using certain shape and load modules, with specific form, frequency, respectively, repeating load seating to test backrest and armrest.

This test method is to simulate the daily use condition, to inspection sofa durability under long-term repeatability load capacity.

主要技术参数 Technical parameters

- 1.可单独测试坐面，背面和扶手进行独立的或连续的测试。坐面加载模块重量为50公斤，自重自由下压；
- 2.背面推力测试用气缸2组，各带一个推力传感器，可设定施加于背面上的推力；
- 3.扶手测试用气缸2组，各带一个推力传感器，可设定施加于背面上的推力；
- 4.选用日本“三菱”PLC（可编过程控制器）
- 台湾“威纶”彩色显示触摸屏作为主要的人机控制界面，对各种测试条件和参数的设定异常简单方便；
- 5.压力传感器精度为 $\pm 0.3\%$ FS，量程为200 Kg；
- 6.需使用压缩空气，压力不小于6 公斤；
- 7.电压：220伏，单相，800瓦；
- 8.配送：压陷量测试头一套、200kg力量传感器一个、量具一把；
- 9.符合标准：QB/T1952.1-2003；

- 1.Can test seat separately, test back and arm rest separately or continuous testing. Seat load mass is 50kg, free depress.
- 2.Back pushing force test with 2 set of cylinder, each has a push force load cell, the force can be set.
- 3.Armrest test with 2 set of cylinder, each has a push force load cell, the force can be set.
- 4.Using Japanese "mitsubishi" PLC (programmable controller),Taiwan "Wei lun Taiwan" as the main color touch screen man-machine control interface, different test conditions and abnormal setting of parameters is simple and convenient.
- 5.Pressure sensor precision $\pm 0.3\%$ FS, capacity 200 Kg.
- 6.Require air compression, pressure above 6 kg.
- 7.Power 220V, single phase, 800W
- 8.Accessories: pressure depression measuring head one set, 200kg load cell one piece, measuring device one piece.
- 9.Standards: QB/T1952.1-2003