

HD-F750 海绵疲劳试验机 HD-F750 Foam Pounding Fatigue Tester



主要功能 Product description

本机用固定的力和冲击头，以规定的速度冲击海绵来检查它的疲劳性。

The machine is used to test foam fatigue by repeating indentation of a test piece by an indenter smaller in area than the test piece, the maximum load reached during each cycle being kept within specified limits.

设计标准 Design standard

GB/T 18941-2003 定负荷冲击疲劳的测定,ISO 3385:1989 ,ASTM D3574

主要技术参数 Technical parameters

1. 压头直径250 mm, 下边缘具有半径25mm的圆角。用偏心轮带动作出上下每分钟70次的直线运动;
2. 平台粘有直径6毫米, 间距20毫米的小孔, 用于排出空气;
3. 压力传感器安装于平台下方, 配合台面升降结构, 用于初始力度(750N)的设定, 和因海绵硬度的改变而作出补偿,使冲击力恒定在设定范围内;
4. 测试周期可设定(6位预设计数器);
5. 平台升降结构: 伺服电机驱动双滚珠丝杆, 精度0.01 mm;
6. 力值传感器量程200 Kg, 精度0.3% F.S.

1. Indentor: Having an overall diameter of 250 mm ± 1 mm with a 25 mm ± 1 mm radius at its lower edge
2. Plane plate: Holes diameter 6mm, space 20mm
3. Load sensor under the plane plate, the test force 750N
4. Test cyclic: 0 ~ 999,999 (adjustable)
5. Plane plate up and down by servo motor
6. Load sensor: 200kg, accuracy 0.3% F.S.

HD-F750A 海绵压陷硬度试验机 HD-F750A Foam Compression Hardness Tester



主要功能 Product description

广泛应用于各类五金、金属、橡胶料、鞋业、皮革、服装、纺织、绝缘体、电线电缆、端子等各类材料, 测试其拉伸、撕裂、剥离、抗压、弯曲抗剪力、三点抗折、延伸率、海绵、泡沫等多孔弹性材料的压缩加入硬度和计算压陷比……等各项物性测试性能。
Widely used in various types of metal, metal, rubber, plastics, leather shoes, clothing, textile, insulators, wire and cable, terminals and other types of materials, testing the tensile, tearing and peeling, compressive strength, bending shear and three point bending, elongation, sponge, foam and other porous elastic material of the indentation hardness and compression calculation of pressure ratio……. And other physical testing performance.

主要技术参数 Technical parameters

1. 容量: 300KG;
2. 控制方式: 电脑控制, windows模式操作, 可测试延伸率;
3. 速度: 速度可调(电脑调节) 0.1-500mm/min;
4. 最大行程: 1200mm(含夹具);
5. 荷重分辨率: 1/250,000;
6. 荷重精度: <=0.5%;
7. 外形尺寸: (L*W*H) 880*510*1490mm;
8. 重量: 约155KG;
9. 标配: 海绵拉伸夹具一套, 海绵压陷压盘;
10. 电源: 1/ AC 220V;
11. 上压盘: 直径200mm, 底部圆角1mm;
12. 下平台: 380*380mm, 透气孔直径6mm, 间距20mm; 最大行程: 200mm

1. Capacity: imported force servo sensor 300KG (round);
2. Control mode: computer control, windows mode operation, can test the elongation rate;
3. Speed: adjustable speed (computer regulation) 0.1-500mm/min;
4. Maximum travel 1200mm (including fixture);
5. Load decomposition degree: 1/250000;
6. Load accuracy: less than 0.5%;
7. Dimensions: (L*W*H) 880*510*1490mm;
8. Weight: about 155KG
9. Standard: sponge tensile clamp set, sponge pressure depression pressure plate
10. Power: 1 MV AC 220V
11. Upper pressure plate: diameter 200mm, bottom fillet 1mm
12. Lower platform: 380 * 380mm, vent hole diameter 6mm, spacing 20mm; maximum travel: 200mm