

# HD-F779 床垫软硬度测试仪

## HD-F779 Mattress Firmness Tester



### 主要功能 Product description

床垫软硬度试验机是用一个特定的加载块去加压到床垫上，系统会自动记录加载的行程和力值，从而来对比不同床垫的软硬度。

Use a spherical protruding at the bottom of the circular rigid plate loading, record force and deflection to analysis, then assess the mattress hardness values and hardness levels.

### 主要技术参数 Technical parameters

- 1.加载块：一个材质为铝，直径为 $13.54 \pm 0.2$  in. ( $344 \pm 5$  mm)的圆盘；重量： $8 \pm 0.2$  lb ( $3.6 \pm 0.1$  kg)
- 2.测试速度：50mm/min
- 3.测试位置：5个点，机器可以自动计算测试点
- 4.测试行程：12.5, 25, 38, 50, 63, and 76 mm
- 5.控制器：PLC，触摸屏控制
- 6.加载装置：伺服高精度传动缸
- 7.电压：单相，220V, 50/60Hz
- 8.设计标准：ASTM F1566

- 1.The platen weight and diameter : A round aluminum disk weighing  $8 \pm 0.2$  lb ( $3.6 \pm 0.1$  kg) with a diameter of  $13.54 \pm 0.2$  in. ( $344 \pm 5$  mm)
- 2.Test speed; 50mm/min
- 3.Test position; Five points, the machine can calculate the each test point and perform test automatically after you setting the mattress size.
- 4.Test stroke: 12.5, 25, 38, 50, 63, and 76 mm
- 5.Control method; PLC control, LCD touch screen interface
- 6.Load device; Servo motor with high electric actuator
- 7.Power; 1 phase, AC 220V, 50/60Hz
- 8.Design standard; ASTM F1566