

HST-FW20B Plastic slide friction and wear testing machine



I 、 Scope of application:

The instrument meets the standard 《GB3960-2016 Plastic-Test method for friction and wear by sliding》.It is suitable for measuring the sliding friction and wear properties of plastics and other composite materials. Measure the friction force and friction coefficient of the sample.

The instrument adopts color crystal touch screen、 data processing、 micro printing.

It can connect the computer for data processing; Computer control can display: friction coefficient - time curve ;torque - time curve;

The load can be increased or decreased manually during the test.

II 、 The main technical indicators of the instrument:

- 1、 Sample size: (30+0.5 +0.1×7-0.1 -0.2×6±0.5)mm
- 2、 Rotational speed: 0~300r/min ±1%(Infinitely adjustable)
- 3、 Load: Max 500N±1% (Five weights.Each sample load 100N; Each weight is 2.11Kg)
- 4、 Friction torque: 0~4N·m±2%
- 5 、 Friction ring : φ40×10mm HRC40~45 chamfer0.5×45°The concentricity deviation between the outer circle surface and the inner circle is less than 0.01
- 6、 Microprocessor control、 data processing、 micro printer

7、Equipment weight:62kg

Packed weight:82kg

8、Equipment dimension:(L*W*H) 790*420*330mm

Packed dimension:950*600*620mm