

YD-4 Tablet Hardness Tester

The tablet hardness tester is used to measure the crushing hardness of tablets.

Applicable standards: JB/T20104-2007



Technical Indicators And Characteristics

Hardness measurement range	5N-200N (20Kg) and 5N-500N (50Kg)
Resolution	0.01N
Accuracy	±1%rdg±5dgt
Real-time display of load-over-time measurement characteristic curve	
Allowable measurement diameter	2mm~40mm
Pressing speed adjustment range	0.1mm/s~5mm/s
Speed adjustment resolution	0.1mm/s
Accuracy	±1% of setting accuracy

4 Measurement method

Single-piece test: (before hardness test, the diameter, thickness and weight of the sample can be tested)

Cumulative test: (accumulative increment, real-time display of sample number, test speed, average value, maximum value, minimum value, variance and standard deviation)

Program-controlled group test: (preset test parameters, up to 10 groups, 1-20 pieces per group)

5 Units of measurement: N, Kgf, SC (hardness), mm, inch

6 New soft capsule hardness test mode, the probe can be set to press the depth, making the instrument more widely used.

7 Display: 1024*600 color graphic dot matrix, K600+ core 65K color 7-inch touch screen.

8 Verification: The accuracy of the machine can be verified using standard weights. If the accuracy deviates, the user can enter the calibration interface of the instrument; according to the screen prompts, the instrument error can be easily eliminated.

9 The embedded STM core processor, combined with the super-performance mechanical A/D module chip, ensures high-speed acquisition and lossless processing of measurement data. Provide professional users with reliable and accurate measurement results.

10 The diameter, thickness and weight of the sample can be tested before the hardness test.

11 Real-time display of the full measurement characteristic curve, coordinate display of the complete test process, providing an intuitive basis for analyzing and judging the hardness of the test product.

12 Provide hierarchical management of administrator privileges and general user privileges (password login).

13 Automatically calculate the film ejection stroke and compress the test duty cycle to improve work efficiency.