



**LABOAO**

**Professional Laboratory Solution Provider**

**ZHENGZHOU LABOAO INSTRUMENT EQUIPMENT CO.,LTD**

## Yd-4 Tablet Hardness Tester

Model: YD-4



Tablet hardness tester is used to measure the crush hardness of tablets. Simple structure, beautiful appearance, excellent performance, easy operation and reliable operation.

### DESCRIPTION

Tablet hardness tester is used to measure the crush hardness of tablets. Applicable standards: JB/T20104-2007.

### FEATURES

1. A new soft capsule hardness test mode is added, which can set the probe penetration depth, making the instrument more widely used.
2. Verification: Standard weights can be used to verify the accuracy of the machine. If there is a deviation in accuracy, the user can enter the calibration interface of the instrument; follow the on-screen prompts to easily eliminate the instrument error.
3. 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.
4. Before the hardness test, the diameter, thickness and weight of the sample can be tested.
5. The full measurement characteristic curve is displayed in real time, and the coordinates display the complete testing process, providing an intuitive basis for analyzing and evaluating the hardness of the sample.
6. Provide hierarchical management of administrator rights and general user rights (password login).
7. Automatically calculate the film ejection stroke, compress the test duty cycle, and improve work efficiency.
8. Provides one-click switching between Chinese and English operation interfaces.

## SPECIFICATIONS

Model	YD-4
Hardness measurement range	5N-200N (20Kg) and 5N-500N (50Kg) two specifications
Resolution	0.01N
Accuracy	$\pm 1\% \text{rdg} \pm 5 \text{dgt}$
Allowable measurement diameter	2mm~40mm
Tablet pressing speed adjustment range	0.1mm/s~5mm/s
Speed regulation resolution	0.1mm/s
Accuracy	$\pm 1\%$ of setting accuracy
Units of measurement	N, Kgf, SC (hardness), mm, inch
Display	1024*600px 7-inch touch screen

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