

## YD-I Tablet Hardness Tester

Tablet hardness tester is used to measure the crushing hardness of tablets.

**Applicable standard:** JB/T20104-2013

### Technical indexes:

- Hardness test range: 2-294N 0.2KG-30KG
- Resolution: 0.1N 0.01Kg
- Hardness measurement accuracy: range:±0.5%
- Tablet measurement diameter: 2-20mm
- Machine power: 10W
- Overall dimensions: L\*W\*H 280mm\*180mm\*110mm



### Main features:

- High-precision pressure sensor ensures the precision and reproducibility of test.
- Manual loading and manual tablet compressing, easy operation.
- The system can realize automatic display, automatic latching, automatic reset, automatic cycle test, automatic linear error correction and automatic fault diagnosis.
- Provide the function of unit conversion, which can realize the conversion both before or after the tests.
- The user can use the standard weight to correct the measurement accuracy of the instrument regularly, which is very convenient.

## YD-II Tablet Hardness Tester

Tablet hardness tester is used to measure the crushing hardness of tablets.

**Applicable standard:** JB/T20104-2013

### Technical indexes:

- Hardness test range: 2-200N 0.2KG-20KGF  
[Sensors equipped with 500N(50Kgf) ]
- Resolution: 0.1N 0.01Kg
- Hardness measurement accuracy: range:±0.5%
- Tablet measurement diameter: 2-40mm
- Repeated measurement error: ±1%
- Measuring unit: Newton (N), Kilogram force(Kgf) (1Kgf=9.81N)
- Number of testing tablets in each group: ≤100 tablets
- Machine power: 40W
- Overall dimensions: L\*W\*H 400mm\*240mm\*140mm



### Main features:

- High-precision pressure sensor ensures the precision and reproducibility of test.
- High-definition LCD is adopted, the display contents are rich; users can enjoy intelligent operations according to the screen tips, Chinese character hint and quantitative index are provided for each operational process.
- Optional for measuring mode: Manual single tablet/automatic continuation.
- The system can realize automatic tablet compressing, automatic display, automatic latching, automatic reset, automatic cycle test, automatic linear error correction and automatic fault diagnosis.
- For the automatic and continuous tests, provide the function of inquiring the previous test results, which is convenient for data recording.
- Automatic calculation of tablet return travel can compress your test duty time.
- One-key conversion of measuring unit (Newton-Kilogram)
- Convenient and efficient measurement of tablet diameter.

## YD-III Tablet Hardness Tester

Tablet hardness tester is used to measure the crushing hardness of tablets.

**Applicable standard:** JB/T20104-2013

### Technical indexes:

- Hardness test range: 2-200N 0.2KG-20KG  
[Sensor equipped with 500N(50KG)]
- Resolution: 0.1N 0.01Kg
- Hardness measurement accuracy: range:±0.5%
- Tablet measurement diameter: 2-40mm
- Repeated measurement error: ±1%
- Number of testing tablets in each group: ≤100 tablets
- Measuring unit: Newton (N), Kilogram force(Kgf) (1Kgf=9.81N)
- Interface: Standard serial printing interface, with its own micro-printer.
- Overall dimensions: L\*W\*H 500mm\*400mm\*160mm



### Main features of tablet hardness tester:

- High-precision pressure sensor ensures the precision and reproducibility of test.
- High-definition LCD is adopted, the display contents are rich; users can enjoy intelligent operations according to the screen tips, Chinese character hint and quantitative index are provided for each operational process.
- Optional for measuring mode: Manual single tablet/automatic continuation.
- The system can realize automatic tablet compressing, automatic display, automatic latching, automatic reset, automatic cycle test, automatic linear error correction and automatic fault diagnosis.
- Strong data processing ability; statistics, analysis, printing and display are available for test result. It can submit the reports of maximum and minimum values, standard deviation and range of change of the test sample.
- Automatic calculation of tablet return travel can compress your test duty time.
- One-key conversion of measuring unit (Newton-Kilogram)
- New type front paper change mini-printer.
- Convenient and efficient measurement of tablet diameter.