YD SERIES

TABLET HARDNESS TESTER

Tablet Hardness Tester

Model YD-1/2/3 Series Tablet Hardness Testers are our latest development and production of our company, which is the requisite instrument in detecting tablet hardness. The design and technical specifications of this tester reached or surpassed the advanced level of this kind of instrument. All our lab instruments are manufactured in conformance to USP Specifications and Codes.

YD-1

YD-2

YD-3

Features:

YD-1 Manual Tablet Hardness Tester：

- The tablet is loaded and pressed artificially.
- YD-1 Tablet Hardness Tester uses a MPU to control all operations. It has high accuracy press sensor and displays hardness data with kilograms.
- It tests tablet hardness continuity. The tablet is loaded and rotated manually until the tablet is broke/shattered. Its data displays and locks automatically. The tester resets automatically, tests the samples with loop.
- All components used are high quality.
- Calibration procedures are also included.
- It can be operated conveniently by using keys. Its measurement results are displayed by LED.
- Reliable performance.

YD-2 Automatic Tablet Hardness Tester:

- The tablet is loaded artificially and pressed automatically.
- YD-2 Automatic Tablet Hardness Tester uses a MPU to control all operations. It has a high accuracy press sensor and displays hardness data in kilograms.
- It tests tablet hardness continuity. The most number to be tested is 100 pieces of tablets and printed as a group. The tablet is loaded manually and with a press of a button, the test is performed automatically. Because the diameter can be tested, it saves the time of testing. Its data is displayed and locked automatically. The tester resets automatically and tests the samples with loop.
- It can process data and print the hardness of each table, which includes the maximum value, the minimum value, average value and the number of tablets.
- All components are selected of high quality brands.
- Calibration procedures are included.
- It can be operated conveniently by using keys. Its measurement results are displayed by LED.
- Each unit is manufactured in conformance to the USP Specs & Codes to ensure superb performance and reliability.

YD-3 Automatic Tablet Hardness Tester:

(Same features as YD-2 but without a printer)

Technical Data	YD-1 Hardness Tester	YD-2 Hardness Tester w/Printer	YD-3 Hardness Tester
Test Range	0.20 ~ 20Kgf	0 ~ 20 kgf (Optional Up to 50 kgf)	
Test Accuracy	+/-5% +/-0.05Kgf	+/-0.05Kgf	
Probe Testing Range	20 mm	40 mm	
Test Period	Manual(per Operator Skill)	First Tablet 25sec.next 10 S/P	
Max. Number in each Group	-	100 P	
Continuous Working Time	> 24 hours	> 24 hours	
Power	110V /220V 50/60Hz 10W	110V /220V 50/60Hz 40W or as required	
Dimension	320 x 180 x 110 mm	500 x 300 x160 mm	400x240x145 mm
Weight	5 kg	12 kg	9 kg

NewLabX also offer:

Raw Processing

Capsule Production

Tablet Production

Bottle packaging

CBD Oil