


## Handheld Portable Hardness Testers




**Tablet Hardness Tester  
(Monsanto Type)**

**TABLET HARDNESS TESTER**

A handy, tough and direct dial reading type tablet hardness tester, working as pair of pliers, generates breaking force in single grip. The instrument offers accurate and reproducible result much faster other conventional hardness tester.

**SPECIFICATIONS :**  
 ACCURACY :  $\pm 0.2$  kg  
 LEAST COUNT : 0.2 kg  
 SAFE TESTING FORCE : 20 kg  
 MAXIMUM TABLET DIAMETER : 25 mm



**Tablet Hardness Tester  
(Phyzer Type)**



**TABTEST-101**

*Portable Tablet Hardness Tester*





Easy CAL



RS-232 port

## TABTEST-101

Portable Tablet Hardness Tester

### SPECIFICATIONS

Display	LCD with backlit display
Key Board	User Friendly 9 Key operation
Hardness range	5-500N
Hardness Accuracy	±0.05% FS
Measurable Units	N(Newton), KGF ( Kilogram Force) and Lbf ( Low bound Force)
Interface Ports	RS-232
Dimensions	360 x 65 x 100 mm
Electrical Power Adapter	230 V, 50Hz to DC 12V, 300 mA
Battery	1200 mAH, 8.4V, Ni-Hi Rechargeable Battery
Peak Force Measurement	Yes
Acrylic Safety Glass Cover	Yes
Stored Results	Upto 10 ( also calculate the average value of test results)
Zero point adjustment for Calibration	Yes
Auto Unit Conversion	Yes
Programmable T1, T2 tolerance	Yes
Tablet Size	Yes (2mm to 28 mm)



## Boghi Engineering & Software Technologies Pvt. Ltd.

**Regd. Off:** Plot No.11, Anandnagar-1, Bandlaguda, Nagole, Hyderabad-500068. Tel: 040-40245278.

**Branch Off:** 217, Maruthi Corporate Point, Swapnalok Complex, S.D. Road, Secunderabad-500003. Tel: +91-9347006933.

[www.bestbig.net](http://www.bestbig.net)



## **Boghi Engineering & Software Technologies Pvt. Ltd.**

**Regd. Off:** Plot No.11, Anandnagar-1, Bandlaguda, Nagole, Hyderabad-500068. Tel: 040-40245278.

**Branch Off:** 217, Maruthi Corporate Point, Swapnalok Complex, S.D. Road, Secunderabad-500003. Tel: +91-9347006933.

[www.bestbig.net](http://www.bestbig.net)



**TABLET HARDNESS TESTER (TABTEST 301)**  
**LED VERSION (3 in one) for Thickness, Diameter and Hardness**

Display	LED Seven Segment display for No. of samples, Thickness, Diameter and Hardness result.
Hardness Range	5-500 N (800 N Option Available)
Hardness Accuracy	>1 N
Diameter & Thickness Range	1.5 – 35 mm
Diameter Accuracy	>+ _ 0.05 mm
Measuring Units	Thickness & Diameter in mm or Inches
	Hardness selectable in either Newton (N), <b>1 N=0.1019 Kgf</b> Kilopond(KP), 1 KP=9.81 N Strong Cobb (Sc), 1 KP=1.43 Sc
Compliance	USP 1217 & EP 2.9.8 Compliant
Adjustments	No Adjustments required as it is designed to suit all tablet shapes & size
Force Rate	Linear Force/Linear Speed mode Operation
Number of Tests for Statistics	Up to 99
Stored Data	Last Batch Test Results
Keyboard	Simple and user friendly 9 Key operation (Membrane Keypad)
Calibration Procedure	Requires 10 mm reference block and 10 Kg reference weight (Certified)
Load Cell Linearity	3 Point linear calibration with certified weight 5, 10, 15 Kg
Distance Validation	10 mm certified block(For thickness & Diameter)
Auto Learning Program (No Nominal Value entry)	YES
Self-Test & No Tablet Detection	YES Self-diagnosis and Fault Localization
Load Cell Overload Protection & Factory Setting Reset	YES Dual Load cell protection with alarm
Real Time Clock	YES Date and Time
Password Protection	YES Password Protection for Service Menu
Interface Ports	YES RS-232 & Parallel Port
Optional Printer	Built in 40 Column printer
Electrical Power	230V 50 Hz
Dimensions	570 X 360 X 370 mm
Weight	8 Kg

**Boghi Engineering & Software Technologies Pvt. Ltd.**

**Regd. Off:** Plot No.11, Anandnagar-1, Bandlaguda, Nagole, Hyderabad-500068. Tel: 040-40245278.

**Branch Off:** 217, Maruthi Corporate Point, Swapnalok Complex, S.D. Road, Secunderabad-500003. Tel: +91-9347006933.

[www.bestbig.net](http://www.bestbig.net)





## **TABLET HARDNESS TESTER (TABTEST 401)**

**LCD VERSION (4 in one)** for Thickness, Diameter, Hardness & Weight (external balance connectivity, Sartorius OR Mettler)

Display	LCD Screen Display ( 240 x 128 pixel) Display for No. of samples, Thickness, Diameter and Hardness result.
Hardness Range	5-500 N (800 N Option Available)
Hardness Accuracy	>1 N
Diameter & Thickness Range	1.5 – 35 mm
Diameter Accuracy	>+ _ 0.05 mm
Measuring Units	Thickness & Diameter in mm or Inches
	Hardness selectable in either Newton (N), <b>1 N=0.1019 Kgf</b> Kilopond(KP), 1 KP=9.81 N Strong Cobb (Sc), 1 KP=1.43 Sc
Compliance	USP 1217 & EP 2.9.8 Compliant
Force Rate	Linear Force/Linear Speed mode Operation
Number of Tests for Statistics	Up to 100
Stored Data	Methods Development and 10 batch results memory capacity
Keyboard	Simple and user friendly 9 Key operation (Membrane Keypad)
Calibration Procedure	Requires 10 mm reference block and 10 Kg reference weight (Certified)
Load Cell Linearity	3 Point linear calibration with certified weight 5, 10, 15 Kg
Distance Validation	10 mm certified block(For thickness & Diameter)
Auto Learning Program (No Nominal Value entry)	YES
Self-Test & No Tablet Detection	YES Self-diagnosis and Fault Localization
Load Cell Overload Protection & Factory Setting Reset	YES Dual Load cell protection with alarm
Real Time Clock	YES Date and Time
Password Protection	YES Password Protection for Service Menu
Interface Ports	YES RS-232 & Parallel Port Parallel printer port to connect Matrix or PCL printers USB Thumb drive Interface for data saving
Weight measurement	Mettler, Sartorius & Shimadzu Balance connectivity for weight measurement
Electrical Power	230V 50 Hz
Dimensions	570 X 360 X 370 mm
Weight	8 Kg
Documentation	GLP Info, Logbook for Instrument history and service details

## Boghi Engineering & Software Technologies Pvt. Ltd.

**Regd. Off:** Plot No.11, Anandnagar-1, Bandlaguda, Nagole, Hyderabad-500068. Tel: 040-40245278.

**Branch Off:** 217, Maruthi Corporate Point, Swapnalok Complex, S.D. Road, Secunderabad-500003. Tel: +91-9347006933.

[www.bestbig.net](http://www.bestbig.net)