PHARMAG INSTRUMENTS

ezTab 500

Tablet Hardness Tester









Measuring tablet weight, width, thickness, diameter and hardness the **PHARMAG INSTRUMENTS** ***TabTest 500*** *Tablet Hardness Tester is both USP and EP compliant and offers excellent flexibility and configurability. This robust 500 design removes the need for a thickness gauge, eliminating redundant calibrations and reducing overall testing cost.*


Packing buffer


LAN


Easy CAL



Password Secured



Accuracy


Dot Matrix printer


Built In Printer



USB Printer


PDF Format


Balance interface



Certificate No : AB09IS152906





- **USP PHARMACOPEIA AND EP COMPLIANT**
  Compliant with USP <1217> and EP <2.9.8>.
- **MULTI-PARAMETER MEASUREMENTS**
  The **TabTest** 500 measures: **Weight, Width, Thickness, Diameter and Hardness. (5 Parameters)**
- **LCD DISPLAY**
  Allows detailed method programming without the need for PC software with the large bright LCD interface and user-friendly input keys and menus.
- **SMALL FOOTPRINT**
  Ideal for laboratories with limited bench space, compact and lightweight design is well suited for portability and use in a production setting.
- **"OPTIONAL" BUILT IN PRINTER**
  Available with an "Optional" 40 column dot matrix built in printer.
- **SAMPLE THROUGHPUT**
  Throughput is approximately 6-10 samples per minute.
- **"ADJUSTMENT FREE" TESTING JAWS**
  Requires no adjustments of the test jaws that are designed to suit all tablet shapes and sizes with a unique grooved design for proper alignment of each tablet before testing.
- **OVER RANGE ALERT**
  "Alert" will display if the tablet or sample is above the defined hardness range with the option to continue or abort test.

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SPECIFICATIONS



Display	Graphic LCD (240 x 128 pixels)
Keyboard	Alpha - Numeric Function Keys
Hardness Range	5 - 500N (800N Option Available)
Hardness Accuracy	>1N
Width, Thickness and Diameter Range	0.5 - 40mm
Accuracy	>±0.06mm
Weight Measurement	External Balance Interface (Sartorius, Mettler and Shimadzu)
Measuring Units	Thickness, Width and Diameter in either mm or Inches • N (Newton)
Measurable Units	• KP (KiloPond, 1KP = 9.81N) • Sc (Strong cobb, 1KP = 1.43Sc)
KP Resolution Accuracy	Yes (1/10 or 1/100 Settable)
Tolerance	Yes (Programmable Tolerances T1, T2, and Plausibility)
Force Rate	Constant (Linear) Force or Constant (Linear) Speed
Number of Tests for Statistics	Up to 100
Stored Methods	Up to 10
Calibration Procedure	Requires 10mm Reference Block and 10kg Reference Weight (Certified)
Calibration Technique	No Tilt (User Friendly)
Distance Calibration	10mm Certified Block (For Width, Thickness and Diameter)
Distance Verification	Three point linear verification
Load Cell Linearity	3-Point Linear Calibration with Certified Weight (5, 10, 15kg)
Load Cell Diagnostic Check	Yes (Check the Load Cell Signal Falls Within Range Before Making any Further Calibration)
Self Test	Yes
Fault Localization	Yes (Text Format)
Load Cell Overload Protection	Yes
Password Protection	Yes (3 Levels)
Factory Setting Reset	Yes
No Tablet Detection	Yes
Tracking Deletion	Yes
On Screen Statistic View	Yes
Interface Ports	USB Type A (2), USB Type B, LAN, RS-232 (Serial Port for Balance Connection), Parallel Printer and 40 Column Mini Dot Matrix printer
Dimensions	22. 8" (w) x 17.6" (h) x 14.2" (d) / (58cm x 45 cm x 36 cm)
Weight	With Printer: 18.7 lbs. / (8.5 kg)
Electrical Power	115V ± 15V, 50/60 Hz or 230V ± 23V, 50/60 Hz
Date Format	USA / Asia

* Specification are subject to change without prior notice

- The **TabTest** 500 is available with an "Optional" 40 Column Dot Matrix built in printer.
- Installed the printer contributes no space to the overall product dimensions.
- Please Note: The printer is installed at the time of the order and can be retrofitted in the field at later stage.

Represented By :

Omicron Research Limited
Unit 11 Kennet Enterprise Centre,
Charnham Lane, Hungerford, RG17 0EY
Tel: 01488 682700 Fax: 01488 682707
Email: info:omicron-uk.com
www.omicron-uk.com

PHARMAG INSTRUMENTS

Manufacturing - Head Office :
B-60, Asokar Street, A Colony, Jothi Nagar,Pollachi - 642 001, Coimbatore District,Tamil Nadu, India.
Cell No: +91-94420 00654, 9442000658, Email : sales@pharmaginst.com, www.pharmaginst.com

International Sales Office:
Mr. Alex Guillen, ECCS , SA., Via Gordemo 28, 6596 Gordola, Switzerland,
Cell No: + 41 76 3754732, Fax No: + 41 91 7450708
Email : info_europe@pharmaginst.com