

EZTAB₄₀₀

Measuring tablet weight, thickness, diameter, and hardness the Distek ezTab 400 Tablet Hardness Tester is both USP and EP compliant and offers excellent flexibility and configurability. This robust 4 in one design removes the need for a thickness gauge, eliminating redundant calibrations and reducing overall testing cost.

- USP PHARMACOPEIA AND EP COMPLIANT**
 Compliant with USP <1217> and EP <2.9.8>.
- MULTI-PARAMETER MEASUREMENTS**
 The ezTab 400 measures: Weight, Thickness, Diameter, and Hardness.
- 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, the 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 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.



SPECIFICATIONS

Hardness Range	5 - 500N (800N Option Available)
Hardness Accuracy	>1N
Diameter, Thickness Range	0.5 - 35mm
Diameter Accuracy	>±0.05mm
Measuring Units	Thickness and Diameter in Either mm or Inches
Measurable Units	<ul style="list-style-type: none"> • N (Newton) • 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
Calibration Procedure	Requires 10mm Reference Block and 10kg Reference Weight (Certified)
Calibration Technique	No Tilt (User Friendly)
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)
Fault Localization	Yes (Text Format)
Distance Validation	10mm Certified Block (For Thickness and Diameter)
Stored Methods	Up to 10
Self Test	Yes
Load Cell Overload Protection	Yes
Password Protection	Yes (For Advance Settings)
Factory Setting Reset	Yes
No Tablet Detection	Yes
Tracking Deletion	Yes
Keyboard	Alpha - Numeric Function Keys
On Screen Statistic View	Yes
Display	Graphic LCD (240 x 128 pixels)
Interface Ports	USB Type A (2), USB Type B, LAN, RS-232 (Serial Port for Balance Connection), and Parallel Printer
Dimensions	22.4" (w) x 14.6" (h) x 14.2" (d) / (57 cm x 37 cm x 36 cm)
Weight	Without Printer: 15.4 lbs. / (7 kg) With Printer: 17.6 lbs. / (8 kg)
Electrical Power	115V ± 15V 50/60 Hz or 230V ± 15V 50/60 Hz

- The ezTab 400 is available with an "Optional" 40 Column 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 cannot be retrofitted in the field



888.2.DISTEK

distekinc.com • info@distekinc.com

121 North Center Drive • North Brunswick, NJ 08902