

EZTAB 300

Measuring tablet thickness, diameter, and hardness the Distek ezTab 300 Tablet Hardness Tester is both USP and EP compliant and offers excellent flexibility and configurability. This robust 3 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 300 measures: Thickness, Diameter, and Hardness.

- **LED DISPLAY**

The seven segment display provides calibration, hardness, thickness, and diameter results.

- **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 | 1.5 - 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) |
| Force Rate | Constant (Linear) Force or Constant (Linear) Speed |
| Number of Tests for Statistics | Up to 99 |
| 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 | Last Test Only |
| Self Test | Yes |
| Load Cell Overload Protection | Yes |
| Password Protection | Yes (For Advance Settings) |
| Factory Setting Reset | Yes |
| Real Time Clock | Yes |
| No Tablet Detection | Yes |
| Keyboard | Alpha - Numeric Function Keys |
| Display | LED |
| Interface Ports | RS-232 (Serial Port for Service Use Only) 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 300 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

