



TABLET HARDNESS TESTERS - 2 PARAMETER - TAB SERIES

The Tab Series 2-Parameter Tablet Hardness Tester is designed for the rigorous demands of modern pharmaceutical laboratories. Engineered to streamline your quality control process, this device simultaneously measures hardness and thickness with exceptional accuracy.

At the heart of the system is a high-precision electronic load-cell and a constant speed measuring principle, ensuring reliable and reproducible results every time. Whether you are conducting routine batch testing or complex R&D analysis, the intuitive 5.7" touch screen interface allows for seamless operation and quick data management.

With the capacity to handle up to 100 samples per test and store 99 unique monographs, the EBT-2PL is built for high-throughput environments. It offers flexible operation modes (Auto/Manual) and comprehensive reporting capabilities, making it an essential tool for compliance and validation

APPLICATIONS

- **Pharmaceutical Manufacturing** – Measures hardness and thickness of tablets to ensure uniformity and durability.
- **Quality Control Laboratories** – Validates tablet strength for compliance with USP, Ph. Eur., and other standards.
- **Research and Development** – Supports formulation studies by evaluating mechanical properties of new tablet designs.
- **Production Line Testing** – Handles up to 100 samples per test, making it suitable for batch verification.
- **Regulatory Compliance** – Generates calibration and validation reports for documentation and audit purposes.
- **Educational and Training Labs** – Provides reliable tablet testing data for academic and industrial training use.

FEATURES

- Measures hardness and thickness
- Features a touch screen display

- Capable of handling up to 100 samples per test
- Equipped with an electronic load-cell for precise measurements
- Utilizes a constant speed measuring principle
- Includes 99 monographs for various applications
- Offers programmable calibration and verification modes
- Operates in both auto and manual modes with a customizable delay time
- Allows for the printing of results, validation, and calibration reports.

TECHNICAL SPECIFICATIONS

Model	EBT-2PL
Display	5.7" intuitive touch screen
Accuracy	Better than +/- 1N
Max. force	800N
Constant speed	Programmable (1 mm/sec ~ 3 mm/sec)
Units	mm / inch
Range	0 - 35 mm
Resolution	0.01 mm
Tablet size	max 35 mm
Calibration	2-point calibration
Verification	3-point linearity
Printer connectivity	LAN and serial port
Power Supply	(110V is also available. Please specify when ordering)



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