

Portable Tablet Tablet Hardness Tester



VTHT Series

VinSyst Portable Tablet Hardness Tester VTHT Series are a Portable Instrument which can measure the Breaking Point of Tablets ranging from a **2 mm to 28 mm**. The tester measures the Compressive Force with an Accuracy of $\pm 0.5\%$ and Measures and Displays the Peak Force used to Fracture the Tablets. The instrument also reduces unnecessary costs to produce tablets out of Specified Hardness Range.

VinSyst Portable Tablet Hardness Tester are ideally suited for the Pharmaceutical, Food, Detergent, Dairy, Animal Feed, Pesticides and any other industry that requires Compressed Tablets.

Features :

- Hardness Measurement by Load Cell up to 500 Newtons.
- Units of Measurement in N, kgf and lbf.
- PC Connectivity through RS232 Port.
- Programmable Upper (T1) and Lower (T2) Tolerance Limits.
- Automated Semi-Calibration. (Zero-Point Adjustment)
- Display of 10 Test Value and Calculate the Average of the Memorized Value.
- LCD Display with Back Light.
- Acrylic Glass Safety Cover with Disposal Container.
- Tester operates on Rechargeable Battery.

Specifications :

Model	VTHT-2	VTHT-5	VTHT-10	VTHT-20	VTHT-50	VTHT-100	VTHT-200	VTHT-500
Capacity	2N	5N	10N	20N	50N	100N	200N	500N
Resolution	0.001N	0.001N	0.005N	0.01N	0.01N	0.05N	0.1N	0.1N
Tablet Size	2mm - 28mm							
Accuracy	$\pm 0.5\%$							

Method of Use : The Tablet is placed on a platform between 2 precision ground platen jaws, one of which is attached to the load cell and the other to a manual mechanical drive. During testing, the manual jaw is driven forward by turning the knob which gives a gentle movement and presses the tablet against the fixed jaw. The process continues till the tablet is fractured and the breaking point is registered by the instrument. Facility of data backup by hard or soft copy is provided.

Standard Accessories: Cleaning Brush, Storage Case, 6V DC Power Adaptor, Collection Tray

Optional Accessories: IQ, OQ, PQ Documents, Calibration Weights, Printer



Printer (Optional)