

THT500

EN

Tablet Breaking Force Tester

A breaking force tester featuring advanced and precise measuring technologies.



The Bareiss THT500 is a tablet breaking force tester designed to provide an intuitive user experience.

The breaking force test is carried out with a 500 N load cell (upgradeable to 1000 N). Tablets in the shapes of oval, oblong, round or any other shapes can be tested for their breaking force in Newton (N), Kilogram-force (kgf) or pound of force (lbf). The tablet specimen can also be measured for its length, width and thickness. An optional external printer that connects directly to the THT500 to print test results is available upon request.



Breaking
Force



Thickness



Diameter



Width



External
Printer

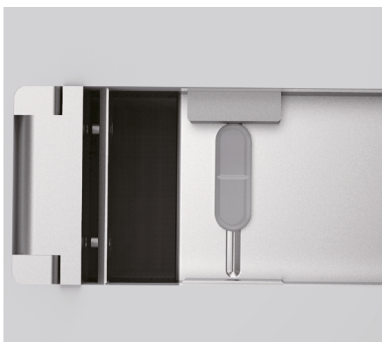
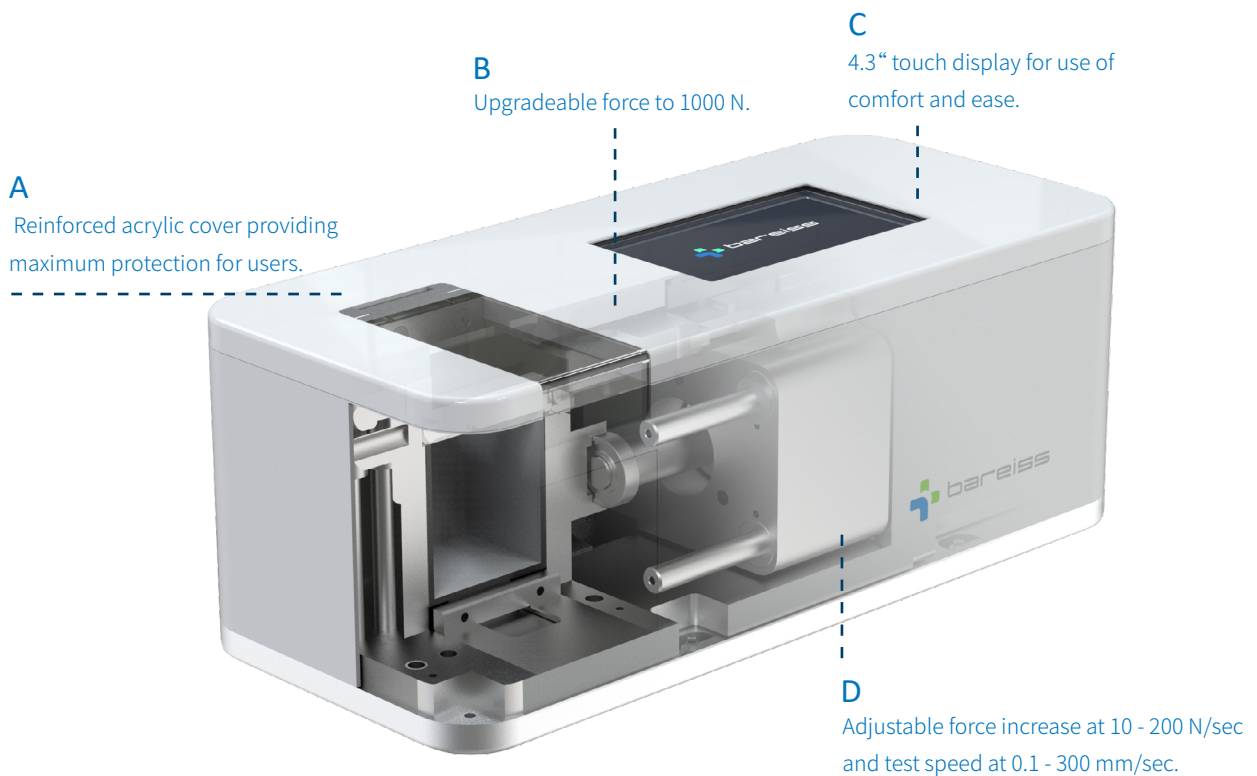


Compliance

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MAIN FEATURES



The built-in guiding channel will assist with specimen orientation when placing tablets with a max. length of 40 mm in the testing cavity.



Ejectable box for easy disposal of specimen debris.



USB-connected external printer for direct and fast data output. Max. 16 m paper roll per load.

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MAIN FEATURES

BareissOne is a modularized software that is aimed to provide a common platform with integration of different test categories.

Whether it is a standard test for one single measurement or a series of tests that requires a complex test sequence editing, BareissOne is designed to offer all levels of user's demands.

Features such as user authorization, system log, project management, version control and custom report are all at your fingertips.



BareissOne has made software use easier than it ever was before.



PC Printer LAN Sensor Port

The THT500 comes with two 2.0 USB ports for connections to PC and thermal printer.

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PRODUCT SPECS

Diameter / Length / Width	Measuring range	1-36 mm
	Resolution	0.02 mm
	Units of measurement	mm / inch
Thickness	Measuring range	1-36 mm
	Resolution	0.02 mm
	Units of measurement	mm / inch
Hardness	Measuring range	3- 500 N
	Accuracy	+/- 1N
	Units of measurement	Newton (N), Kilogram-force (kgf), Pound of force (lbf)
Measuring principle	Constant force	10- 200 N/ sec (programmable)
	Constant speed	0.1- 3 mm/sec (programmable)
Interfaces	2 x USB 2.0	
Power supply	100- 240 V, 50-60 Hz, 150 W	

		THT500
Configuration	Hardness	●
	Diameter / Length	●
	Width	●
	Thickness	●
	Weight (Integrated)	–
	Weight (External)	○
Dimensions / Weight	LWH 285 x 125 x 110 mm / approx. 9 kg	
Software	BareissOne™	○

MADE IN GERMANY SINCE 1954.

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