



TABLET HARDNESS TESTER
EASYCHECK



ERWEKA

Tablet combination tester

EasyCheck

Easy and fully automatic testing
of up to 5 parameters



EasyCheck is the new entry-level tablet combination tester that measures up to 5 parameters.

The compact system is 100% compliant with all common pharmacopoeias and is characterized above all by innovative design features and a clear focus on the essentials: Its integrated load cell weighs samples automatically, the Oblong Slider® automatically brings evenly shaped oblongs into perfect alignment and the intuitive touch display allows for storing up to 100 products / methods. The EasyCheck offers a test memory for up to 1 million test results directly on the device, a 21 CFR Part 11 compliant audit trail light feature and a data export function in CSV and XML format. The EasyCheck is your entry-level device for simple, fully automatic and high-precision tests for up to 5 parameters!

TABLET HARDNESS TESTER EASYCHECK

OVERVIEW



Integrated Weight Measurement

Integrated Weight Measurement



Oblong Slider®

The slider technology perfectly aligns evenly shaped oblongs for easy determination of width, length and tablet hardness.



Test Memory & Audit Trail

EasyCheck can additionally be equipped with a test memory for up to 1 million test results, an audit trail light function for paperless reporting and a data export function for CSV and XML export.



Star-shaped rotary magazine

A neat star-shaped rotary magazine made of stainless steel and aluminium provides 20 test positions for samples and enables full visual inspection of the test processes at any time.

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INTUITIVE OPERATION

Broad Feature Set

When developing the EasyCheck touch display, we focused on the most important features for the user: Simple and uncomplicated creation, starting and documentation of test methods. The highly intuitive touch display enables simple operation and control of the device's complex functions. Measurements can be started and displayed quickly and easily. For convenient data input (e.g. for creating new products), the device now also offers support for USB keyboards - which makes direct data management on the device much easier.



Test Result Storage

By default, the device stores 100 products/methods and has a product memory that can store up to 1 million test results - allowing results from previous tests to be retrieved at any time.

In addition, extensive integrated calibration functions and the Audit Trail Light feature (logging of What, Who, When) ensure that you always have access to precise test results and extensive documentation of all work steps - maximum ease of use combined with powerful functionality.

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AUTOMATED TESTING OF UP TO 5 TEST PARAMETERS



Weight



Thickness



Diameter /
Length



Width



Hardness Testing

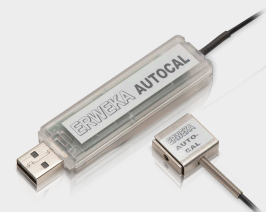
AUTOMATIC CALIBRATION TOOL

AUTOCAL 2.0

The ERWEKA AutoCal 2.0 system is a calibration tool for the automated calibration of the hardness tester station - without weights, external PC and software.

Calibration has never been so easy: The AutoCal 2.0 USB stick is plugged into the USB port of the TBH x25 and the connected certified load cell is inserted into the hardness testing station.

The entire system (adjustment and calibration) is now carried out via the hardness tester's keypad and display. The device performs the adjustment automatically and the calibration can be checked for linearity by checking up to three points within the measuring range. In addition, a documentation report can be created via the standard printer interface.



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TECHNICAL DATA

Weight	30 kg
Dimensions (H x W x D)	321 (646 mm with open acrylic cover) x 360 (422 mm with collection container) x 467 mm
Voltage	100 - 240 V / 50-60 hz / 150 W
Interfaces	USB A for printer, USB B for PC, LAN (Ethernet - RJ45), SD-card slot
Control	7" touch display, with support for USB keyboards
Measurement range: Hardness	3 - 500 N (± 1 N) (optional 3 - 1000 N)
Measurement range: Diameter / Length	2 - 26 mm (± 0.05 mm)
Measurement range: Thickness	Linear potentiometer 2 - 10 mm (± 0.05 mm)
Measurement range: Weight	Integrated Sartorius weighing cell 15,0 mg - 89 g (± 0.0001 g)
Measurement range: Width	2 - 10 mm (± 0.05 mm)
Measurement principle: Constant speed	0.05 - 3.00 mm / sec
Measurement principle: Constant force	10 - 100 N / sec