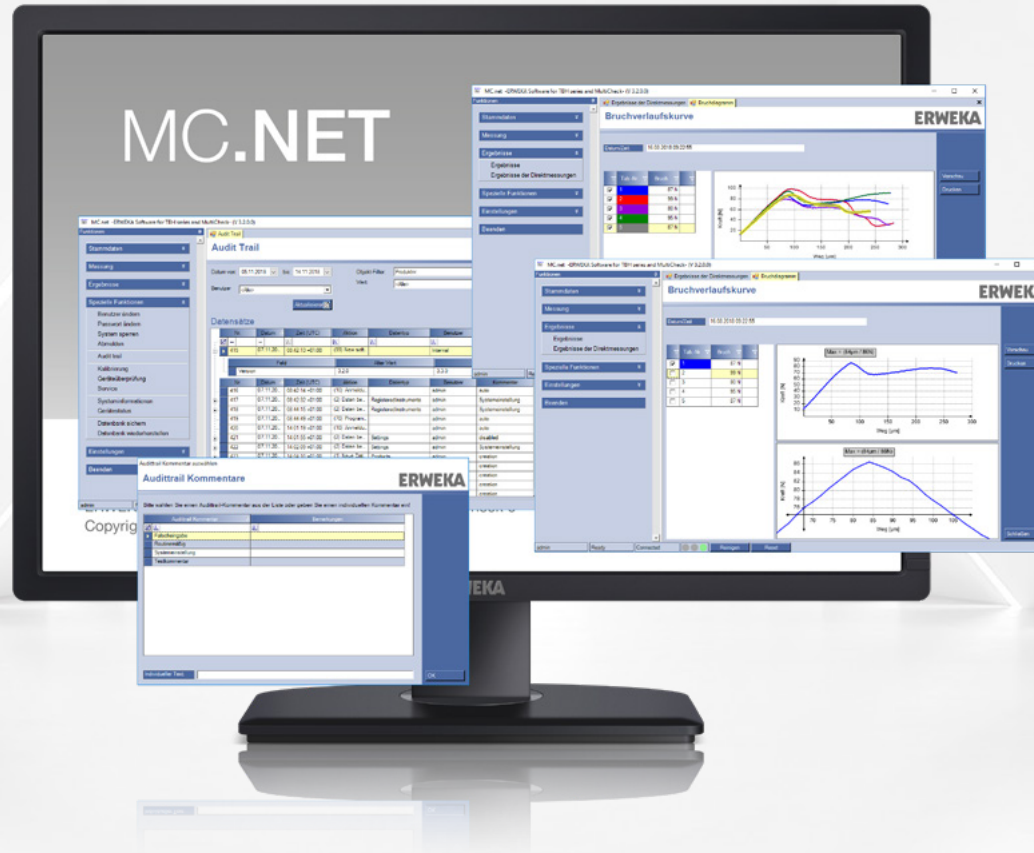




MC.NET

ADVANCED SOFTWARE FOR ERWEKA HARDNESS TESTERS

MC.NET - NETWORKED HARDNESS MEASUREMENT

ONE DATABASE, MANY DEVICES

MC.NET is ERWEKA's advanced software solution for the external control and management of hardness and combination testers. It supports the complete range from the compact TBH 325 and TBH 425 up to the fully automated EasyCheck and MultiCheck 5/5.1/6. With the power of MC.NET, data from multiple devices can be stored inside a single, network MS SQL database and easily accessed by multiple installations of MC.NET in the same network. Comprehensive Audit Trail functionality ensures data integrity, traceability, and regulatory compliance at all times.

MC.NET simplifies every stage of the testing workflow. Users can efficiently qualify instruments, create and manage test methods, and analyze results, all within a fully 21 CFR Part 11-compliant environment featuring extensive Audit Trail capabilities. Every aspect of MC.NET has been designed with one goal in mind: maximizing efficiency while ensuring full data documentation. The result is a powerful, intuitive platform that saves valuable time, streamlines laboratory processes, and supports the highest standards of quality assurance.



MC.NET software

- | Full device control
- | Automated testing
- | Unlimited storage space
- | Methods, reports & Audit Trail
- | Network database

Local or network data

All data (device settings, batch information, methods, and more) can be stored either locally or in a network database (MS SQL). The network configuration provides access to all data from any MC.NET-powered device, reducing the need to create and maintain base data for multiple devices to a single entry.

Flexible user management

Users can be easily created and edited, and specific rights can be quickly assigned. This ensures that only authorized personnel have access to specific functions. User management also works in conjunction with the network database, allowing users to be shared across all MC.NET network installations and supporting Active Directory.

Efficient method management

As soon as a method is created with all its information, it can be easily used as template for future methods. Just select the suitable template and use it. In this way, creating a larger number of methods is efficient and comfortable.

MC.NET Audit Trail

With the Audit Trail, tracking who, what, when, and why, monitoring changes across all devices is effortless. The Audit Trail viewer offers powerful filtering and search capabilities through an intuitive, easy-to-use interface. Fully compliant with 21 CFR Part 11, it ensures complete data integrity and traceability.

Electronic signature

Thanks to the electronic signature feature, users can seamlessly review and approve tests directly within the software. The entire workflow, from test creation and audit to final approval of the test results, is fully integrated into one efficient digital process.

HIGHLIGHTS



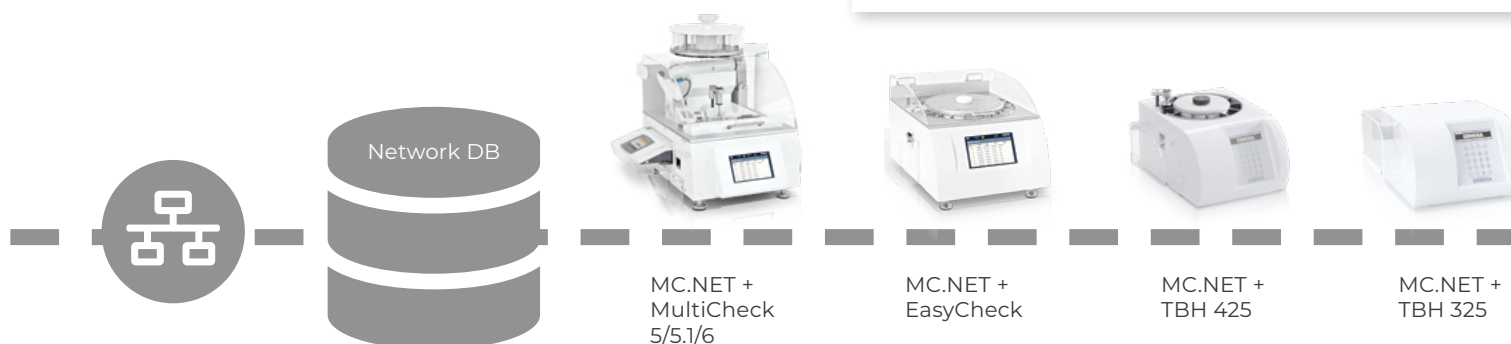
Compatible with ERWEKA hardness tester



MS SQL database (local or network)



Easy to use



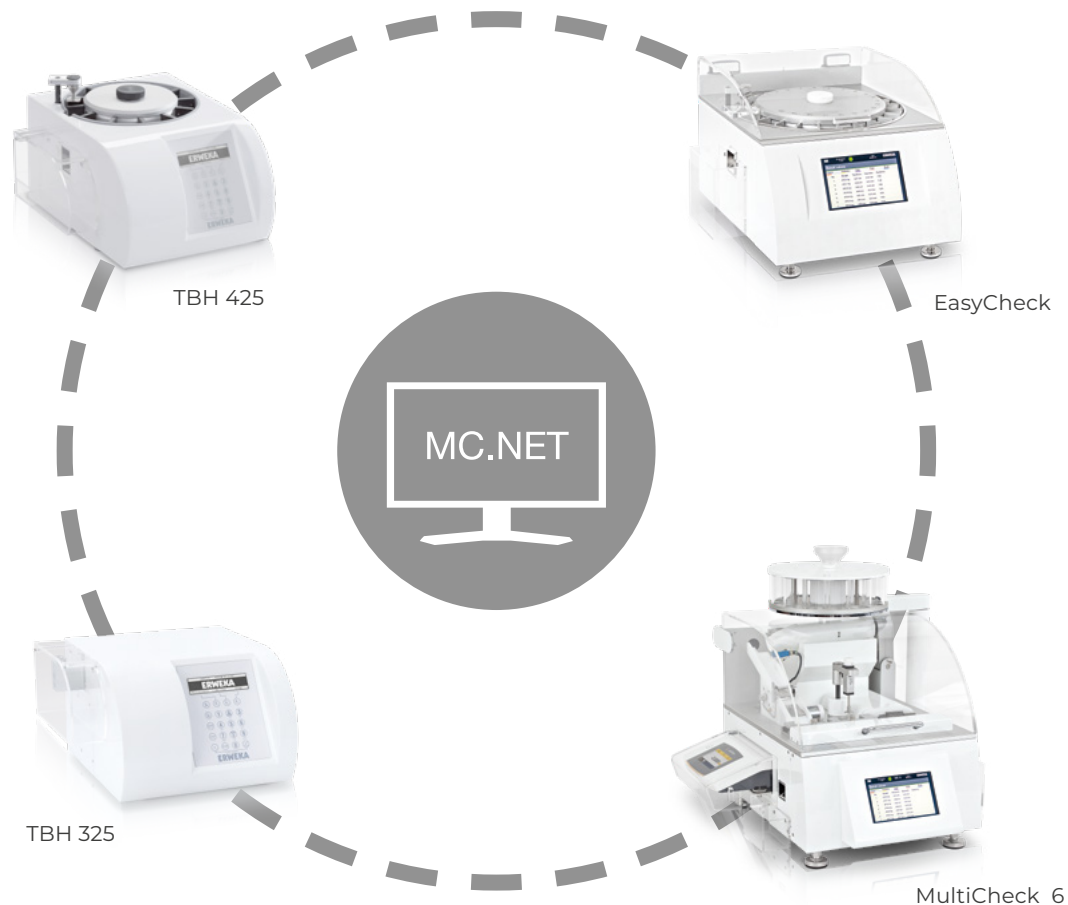
FULL CONTROL OF THE WHOLE DEVICE

TBH TO MULTICHECK 6

With MC.NET, users can fully control ERWEKA hardness testers from an external computer.

The software supports the range of ERWEKA hardness testers, from the manual TBH 325 and semi-automatic TBH 425 to the fully automated EasyCheck and MultiCheck 5, 5.1, and 6 systems.

Its intuitive and user-friendly interface allows users to create new test methods quickly, start tests with ease, and analyze results whenever needed. This makes MC.NET the ideal companion for all ERWEKA hardness testers.

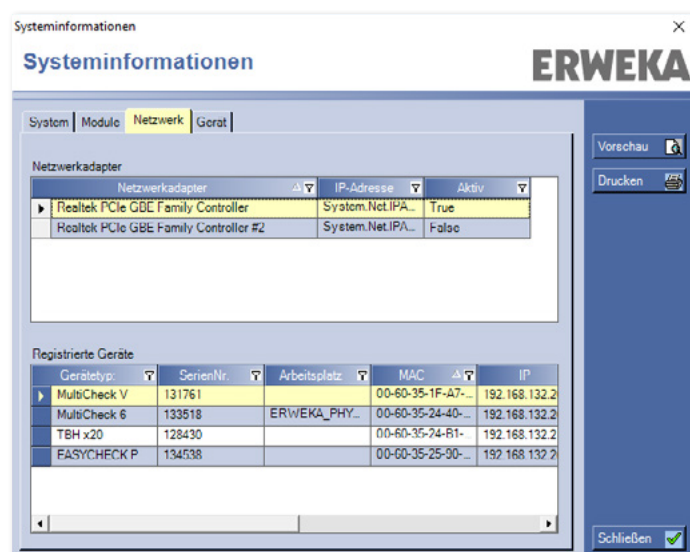


USER-FRIENDLY WITH

EXTENSIVE FUNCTIONS

CENTRAL DATA MANAGEMENT

With MC.NET, users can manage all data required by and generated from the hardness tester in either a local or a centralized Microsoft SQL database. By using a centralized database, products, methods, users, and test results can be shared across multiple devices, eliminating the need to maintain duplicate data on each system.



ELECTRONIC SIGNATURE

The electronic signature feature enables users to fully digitalize the review and approval process for test results directly within the software, eliminating the need to manually sign printed documents.

Reports can be created, reviewed, and approved digitally by authorized users using their login credentials. Comprehensive and highly configurable user rights ensure that only authorized personnel can perform specific steps within the workflow. After each process step, MC.NET automatically generates a report with a unique protocol number. At the same time, all results are securely stored in the database, where they can be easily accessed, reviewed, and traced at any time.



TRACKING ALL CHANGES –

MC.NET AUDIT TRAIL WITH FULL DATA INTEGRITY

The Audit Trail within MC.NET complies with regulatory requirements (e.g., 21 CFR Part 11) and tracks all software activities by recording changes, users, timestamps, and the optional reason for each action (what, who, when, and why).

To facilitate quick completion of Audit Trail entries, reasons can either be predefined and selected or entered freely by the user. With the Audit Trail viewer, users can quickly and conveniently search and filter all system changes, ensuring they never lose overview of the system.



Conform to all regulations



Comfortable search and filter functions



Documentation and tracking of all activities

Funktionen

Stammdaten

Messung

Ergebnisse

Spezielle Funktionen

Benutzer ändern

Passwort ändern

System sperren

Abmelden

Audit trail

Kalibrierung

Geräteüberprüfung

Service

Systeminformationen

Gerätstatus

Datenbank sichern

Datenbank wiederherstellen

Einstellungen

Beenden

Audit Trail

Datum von: 05.11.2018 bis: 14.11.2018

Objekt-Filter: Produktnr.

Benutzer: <Alle> Wert: <Alle>

Aktualisieren

Datensätze

Nr	Datum	Zeit (UTC)	Aktion	Datentyp	Benutzer	Kommentar
415	07.11.20...	08:42:13 +01:00	(38) New soft...	Internal	auto	
Version			Feld	3.2.0	Alter Wert	Neuer Wert
416	07.11.20...	08:42:14 +01:00	(10) Anmelde...	RegisteredInstruments	admin	Systemeinstellung
417	07.11.20...	08:42:32 +01:00	(2) Daten be...	RegisteredInstruments	admin	Systemeinstell...
418	07.11.20...	08:44:15 +01:00	(2) Daten be...	Settings	admin	disabled
419	07.11.20...	08:44:49 +01:00	(10) Program...	Products	admin	creation
420	07.11.20...	14:01:19 +01:00	(10) Anmelde...	ProductNominalValues	admin	creation
421	07.11.20...	14:01:55 +01:00	(2) Daten be...	ProductNominalValues	admin	creation
422	07.11.20...	14:02:09 +01:00	(2) Daten be...	ProductNominalValues	admin	creation
423	07.11.20...	14:04:10 +01:00	(1) Neue Dat...	ProductNominalValues	admin	creation
424	07.11.20...	14:04:10 +01:00	(1) Neue Dat...	ProductNominalValues	admin	creation
425	07.11.20...	14:04:10 +01:00	(1) Neue Dat...	ProductNominalValues	admin	creation
426	07.11.20...	14:04:10 +01:00	(1) Neue Dat...	ProductNominalValues	admin	creation
427	07.11.20...	14:04:10 +01:00	(1) Neue Dat...	ProductNominalValues	admin	creation

Vorschau
Drucken
Details
Export

Full documentation of all activities

Audittrail Kommentare

Bitte wählen Sie einen Audittrail Kommentar aus der Liste oder geben Sie einen individuellen Kommentar ein!

Audittrail Kommentar	Bemerkungen
Falscheingabe	
Routinemäßige Kalibrierung	
Systemeinstellung	
Testkommentar	

Individueller Text:

OK

Audit trail prompt with text box for individual reason

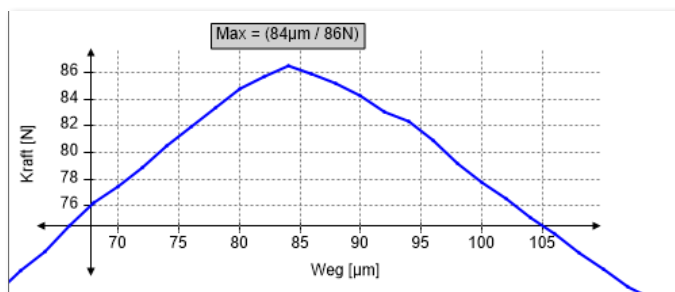
QUALITY CONTROL ON THE HIGHEST LEVEL –

MC.NET HARDNESS DIAGRAM

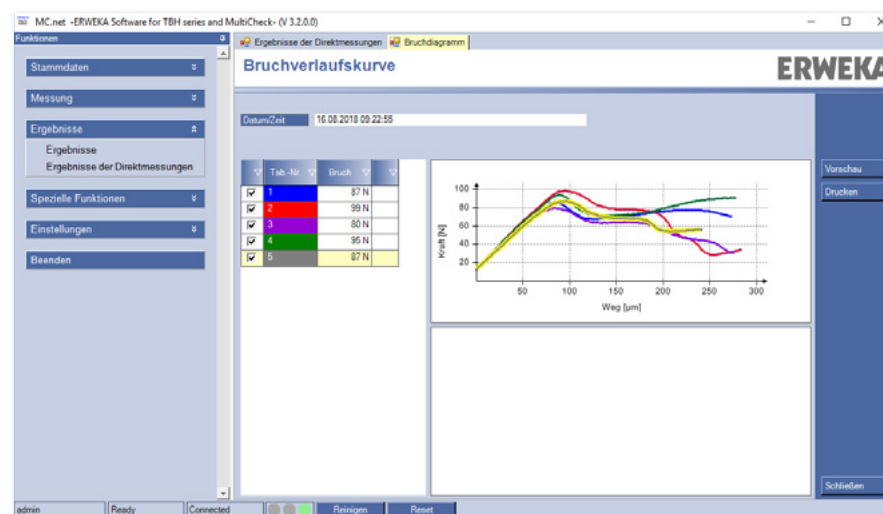
The optional hardness diagram shows the force-path progression of tablet hardness, enabling easy visual confirmation of the tablet hardness measurement.

The graphical results of the hardness diagram assist with the derivation of a method as well as the selection of test parameters. The function also serves as a quality control feature, because expected results can be easily compared to the actual diagram.

After completion of the tests, up to 20 hardness diagrams can be compared with each other. The zoom function and the different colors of the selected diagrams make evaluation of the results easier than ever before. The hardness diagrams can be saved and printed. Individual data points can be exported as an XML file.



The zoom function allows precise review of the diagram.



The hardness diagrams are distinguished by colour.

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VERDER

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Under the roof of VERDER SCIENTIFIC we support thousands of customers worldwide in realizing the ambition we share.

As their technology partner behind the scenes, we deliver the solutions they need to make progress and to improve the everyday lives of countless people. Together, we make the world a healthier, safer and more sustainable place.

