



Easy Chester[®] Eichrecht

Precision in every charge

comemso

Easy Chester® Eichrecht

Precision to trust in charging stations

The Easy Chester® Eichrecht is a highly advanced device designed to ensure precision and trust in every transaction at your charging stations.

As the world's first standardized and mobile test system for calibrating charging stations in the field according to ISO 17025, it is indispensable for calibration offices, laboratories, charging station manufacturers, and infrastructure operators.

Technical Advantages

The Easy Chester® Eichrecht is engineered for precise and reliable measurements, ensuring that your charging stations operate within strict calibration standards. This device is essential for maintaining accuracy and compliance in the rapidly evolving e-mobility sector.

For detailed information and to explore how the Easy Chester® Eichrecht can enhance your operations, please contact us.

EVSE max. V
EVSE min. A

Verified Accuracy

Ensures customers are billed accurately for the electricity they receive.

The Easy Chester® Eichrecht ensures compliance with calibration laws, providing reliable measurement and verification in the field.

Key Features

Advanced Measurement Capabilities

Integrated cross-measurement features ensure high accuracy in every charging session and power range.

Mobility and Flexibility

Easily transportable using a trailer or van, enabling on-site testing of charging stations. This feature improves efficiency and reduces downtime by maintaining calibration standards across multiple locations.

Proven Performance

The Easy Chester® Eichrecht builds on the robust and user-friendly design of previous Easy Chester® and Mini-Charger-Tester mobile field tester devices for service technicians, requiring only basic electrical engineering knowledge and minimal training. Therefore, the core technology bases on a proven product family established worldwide since 2016 with a superior price-to-performance ratio.

Industry Expertise

As a full member of the DKE standardization group, comemso electronics supports the standardisation for the latest requirements for DC charging station calibration interface.

Comprehensive Software Support

The accompanying PC software (Windows) provides extensive functionality for easy configuring, monitoring, and managing the Easy Chester® Eichrecht.

EVSE max. A
EVSE min. V



comemso e-Mobility Services GmbH has an accredited calibration laboratory according to ISO 17025 for up to 1000 V DC and 500 A DC calibration.

Software Features

Configuration

Configure the test points and duration, if manual test points are desired.

Automated test

Get EVSE related automated tests.

Real-Time Monitoring

View the measurements of DC current and DC voltage via the Chart (oscilloscope-like view) or the Measurements section.

Device Status and Events

See the current status of the test device and get information in case of errors.

Report Generation

Save the test report as PDF file.

Application Examples

Charging infrastructure operators

Use the Easy Chester® Eichrecht to ensure all charging stations meet legal calibration requirements.

Technical service providers

Use the device to perform quick and accurate on-site calibrations, minimizing downtime.

Governmental labs and German Eichrecht authorities

calibration authorities utilize the Easy Chester® Eichrecht for verifying and certifying the accuracy of charging stations, ensuring compliance with legal standards.

Usable Software

- comemso com.frame

For more information
and to discover how the
Easy Chester® Eichrecht
can enhance testing and
validation processes
please contact us.

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Technical Specification

Model Number	118-1-080 Easy Chester® Combined 1+2+F Eichrecht 118-1-081 Easy Chester® Combined 1+2+F Eichrecht incl. Power Meter and Mobile Trailer 1181-1-082 Easy Chester® Combined 1+2+F Eichrecht incl. Mobile Trailer
Dimension	141 x 137 x 100 cm
Weight	450 kg
Transportability	Suitable for trailer or van transportation
Protocol Support	AC (also with ISO 15118), CCS (DIN 70121/ISO 15118), NACS
Testing Capabilities	Crossover DC U _{max} / I _{min} and U _{min} / I _{max} up to 150 kW (up to 1000 V U _{max} and 500 A I _{max})
Measurement Range	Up to 1000 V DC and 500 A DC
Accuracy	Calibration law-conform measurement according to charging power limits
Software Features	Configuration, Real-Time Monitoring, Test Control, Device Status, Event Logging, PDF Report Generation
Front Sockets	Two red Schuko sockets for external devices, e.g. notebook, reference power meter
Isolated Banana Sockets	For reference power meter for DC voltage and AC voltage measurement
AC Load	Not included, can be added via isolated banana sockets (100-240V, 3 phases, max. 32 A)