

GMC-I SERVICE GMBH

YOUR RELIABLE SERVICE PROVIDER FOR
CALIBRATIONS, REPAIRS, SPARE PARTS, RENTAL EQUIPMENT

WELCOME TO

▲ GOSSEN METRAWATT
▲ CAMILLE BAUER

GMC-I  SERVICE



IN NUREMBERG

GMC-I SERVICE GMBH

CONTENT:

- CONTACT PERSON & CONTACT DETAILS
- GMC-I AS SERVICE PROVIDER
- YOUR ADVANTAGES & BENEFITS
- SERVICES AT A GLANCE
- KNOWLEDGE & KNOW-HOW AROUND THE TOPIC OF CALIBRATION
- OUR INDIVIDUAL, ALL-ROUND CAREFREE PACKAGES
- PRICE INFORMATION
- IZYCHECK.IQ – CLOUD BASED DEVICE AND ORDER MANAGEMENT

GMC-I SERVICE GMBH – BEUTHENER STRAßE 41 – D-90471 NUREMBERG (GERMANY)

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E-MAIL: SERVICE@GOSSENMETRAWATT.COM – **WEB:** [HTTPS://WWW.GMCI-SERVICE.COM/](https://www.gmci-service.com/)

Department	Contact person	E-Mail
Calibrations	Mr. Thomas Klaus	Thomas.Klaus@gossenmetrawatt.com
Repairs, Updates & Upgrades	Mr. Waldhütter, Mr. Tempcke, Mr. Wolf, Mr. Zenger	service@gossenmetrawatt.com
Device management	Mr. Thomas Klaus	Thomas.Klaus@gossenmetrawatt.com
Spare parts	Mr. Uwe Kern, Mr. Winfried Gromann	service@gossenmetrawatt.com
Order processing	Mrs. Litzinger, Mrs. Rosenbauer, Mrs. Stelzner, Mrs. Meyer, Mr. Prieß	service@gossenmetrawatt.com
Individual service agreement	Mr. Thomas Klaus	Thomas.Klaus@gossenmetrawatt.com
After sales consulting & support	Mr. Waldhütter, Mr. Tempcke, Mr. Wolf, Mr. Zenger	service@gossenmetrawatt.com

We serve approx. **150 customers daily** with our calibrations and repairs of the **highest quality**.

Repair & calibration orders: approx. 27.000 p.a.

Spare parts orders: approx. 4.000 p.a.

Customer devices: approx. 32.000 p.a.

Sales volume: approx. 10 Mio. €

Employees: approx. 60

Location:

GMC-I Service GmbH

Beuthener Str. 41

DE-90471 Nuremberg (Germany)



[More information here](#)

- ▲ **100 % final inspection:** As a service provider, we check all measurement points as with your new device, which leads to a point-accurate and detailed measurement result!

Worldwide
unique!

- ▲ **Verification of electricity meters**

- ▲ **Recalibration & DAkkS calibration of electricity meters**

Only available
with us!

- ▲ **Conformity statement:** Proof whether devices are within the required manufacturer specification!

- ▲ **Original components** for repairs!

- ▲ **We work in a sustainable, environmentally friendly and resource-saving way** by repairing at component level, optimizing our processes certified according to ISO 14001 and cooperating with a climate-neutral parcel shipper!

- ▲ **Individual service agreements/contracts:** To meet your needs best!

- ▲ **Digitized processes thanks to Service Cloud: With IZYCHECK.IQ** you have full transparency and overview of your current orders, device status, cost estimates, calibration intervals and much more.

More information [here](#)

- ▲ **Calibrations** (manufacturer-independent, DakkS, factory calibration, input and test protocol)
- ▲ **DakkS power meter and converter calibrations** (wind power, e-mobility, measuring units for heavy cu quantities)
- ▲ **Repairs** (on component level, with original spare parts)
- ▲ **Meter verifications, calibrations and recalibration** (by internal calibration laboratory)
- ▲ **100 % test equipment management** (put the complete test equipment process in our experienced hands)
- ▲ **Firmware updates and hardware upgrades** (to remain compliant with standards and legal requirements)
- ▲ **Spare parts service** (manufacturer and location-independent, original components, framework agreement possible)
- ▲ **Consultation and support by specialists** (on general service issues to find the optimal solution for you)



[More information here](#)

- ▲ **Meter verification** (MID meter, electricity billing meter, unit calibration, recalibration, incl. receipt & test protocol)
- ▲ **DAkkS calibration according to DIN EN ISO/IEC 17025 for:**
 - MID meters
 - Multifunctional transmitters
- ▲ **ISO calibrations** (measuring transducers, wind power, e-mobility, measuring units for heavy current quantities)
- ▲ **Repairs** (on component level, with original spare parts)
- ▲ **Firmware updates and hardware upgrades** (to remain compliant with standards and legal requirements)
- ▲ **Spare parts service** (manufacturer and location-independent, original components, framework agreement possible)
- ▲ **Consultation and support by specialists** (on general service issues to find the optimal solution for you)

New application!



[More information here](#)

▲ Legal obligation (Germany)

§ 3 **Industrial safety ordinance** obligates to perform a **risk assessment**

§ 4 **Workplace ordinance** obliges **regular maintenance** and **elimination of defects**

Deliberate, negligent violations or default can be **punished** according to § 22 (BetrSichV) as an administrative offense up to **criminal liability**!

ATTENTION!

▲ Legal certainty (u.a. bei Produkthaftung)

Certification of legally secure calibration certificates and safe, reliable measurement data by accredited laboratories

▲ Calibration interval

The legally compliant, appropriate calibration interval results from the **risk assessment**.

According to §§ 14-17 (BetrSichV), **documentation** is mandatory for the assessment!

▲ Manufacturer recommendation

For **high demands on the measuring accuracy**, we recommend a calibration interval of **1 year**. If your measuring instrument is mainly used in the **laboratory and indoors**, an interval of **2-3 years** is usually sufficient

▲ International recognition

Guaranteed standards and **acceptance** thanks to DAkkS-certified calibration laboratory "**Once tested, accepted everywhere**".

▲ Quality assurance (if you are ISO-certified, for example)

[More information here](#)

Calibration

The measured value is compared with the "true" reference value (standard), the measurement accuracy is documented, the measurement uncertainty is calculated and the calibration certificate is issued. As a rule, DIN EN ISO / IEC 17025 test equipment is calibrated.

As a group of companies, we have 3 accredited calibration laboratories (GMC-I Service GmbH: D-K-20313-01-00).

New application → DAkkS calibration of classic meters.

If meters/power transmitters are mainly used in their function as "measuring transducers" or test equipment and not for current calculation, the detection of possible measurement deviations as well as the calibration of the ancillary quantities is becoming more and more important. The DAkkS calibration of energy meters and power transmitters is becoming increasingly relevant, especially in electro mobility and renewable energy generation.

Read more about the topic in our [FAQs](#).

Meter Verification

This is a special case of calibration. All measuring instruments whose measurement accuracy is in the public interest and which are used for billing purposes are subject to verify, e.g. electricity billing meters, if the kWh consumption is billed to a customer.

The responsibility for the implementation lies with the state verification offices or state-approved test centers for electricity meters, such as those of Gossen Metrawatt GmbH (accreditation: EBY8).

The **verification period** for meters is **8 years**.



Deutsche
Akkreditierungsstelle
D-K-20313-01-00



More information [here](#)

Take a closer look into our best practise no. 3 „Recognition-of-dakks-calibration-certificates-abroad“

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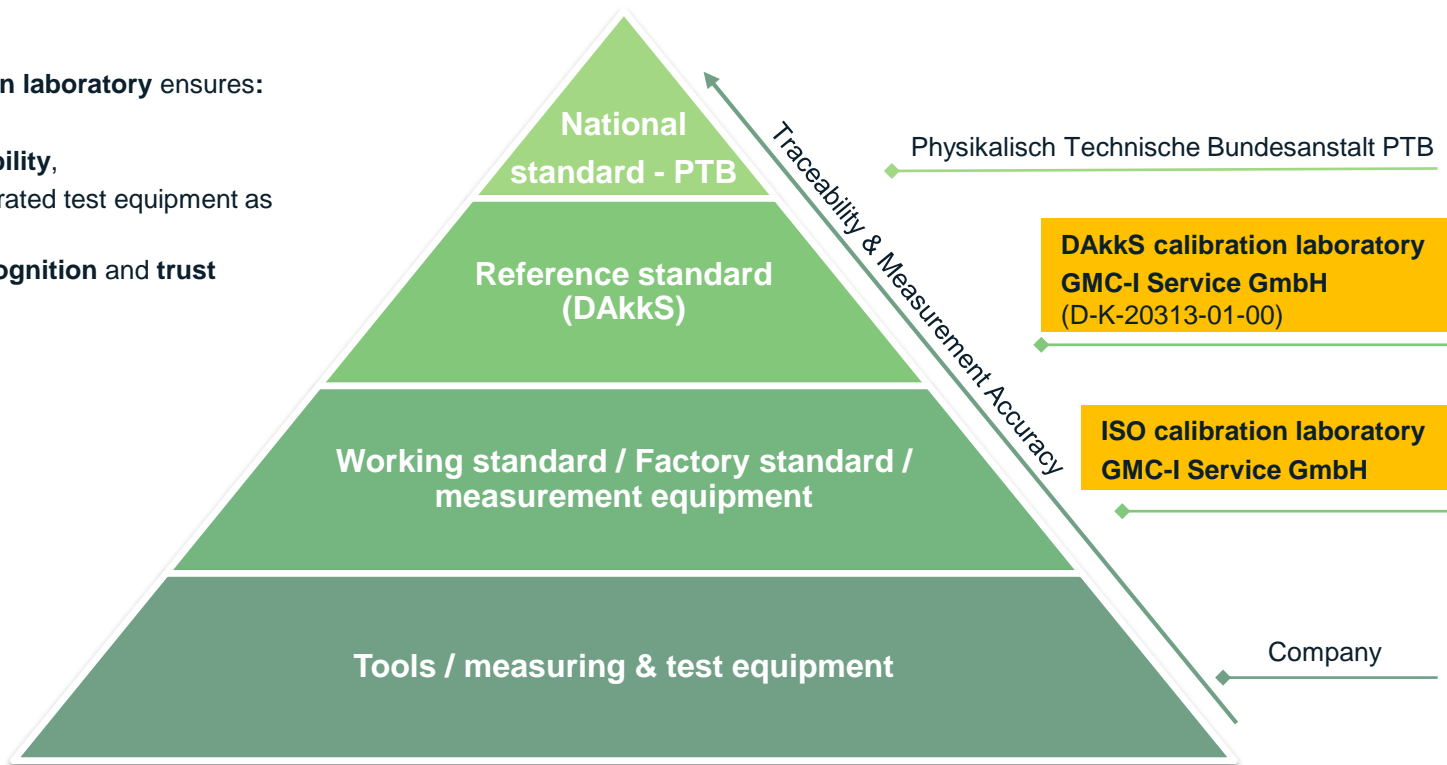
Deutsche
Akkreditierungsstelle
D-K-20313-01-00



[More information here](#)

Our **DAkkS** certified calibration laboratory ensures:

- ▲ highest **measurement reliability**,
- ▲ the **traceability** of your calibrated test equipment as required by the standard
- ▲ as well as **international recognition** and **trust**



More information [here](#)

- **Direct current and low frequency measurands**

- DC voltage
- Direct current
- AC voltage
- AC current strength
- Direct current resistance
- Electrical power
- Capacity

- Frequency

- Resistance thermometers
- thermocouples, thermocouples
- Temperature indicators and simulators
- Direct reading thermometers
- Temperature transmitters, data loggers

- Pressure (up to 10 bar)
- Electrical work (Joules)
- High frequency for electrosurgery (up to 10 MHz)
- Weight (mg / g)
- Flow rate (ml/h)
- Temperature medical (YSI400/YSI700)
- Time (ms / BPM)

Note: Further, non-accredited quantities within the scope of a mixed calibration are added as factory calibration in the appendix of the DAkkS calibration certificate and are permissible here



More information here

▲ ISO / factory calibration or DAkkS calibration?

The question is often asked when the comparatively less expensive ISO calibration and recalibration is sufficient and when a DAkkS-accredited calibration is required.

The answer to this question lies in the requirements of your company as well as the requirements of your quality management certification.

For example, the DIN EN ISO 9000 / standard requires that you calibrate your test equipment in a traceable manner. As an official certificate, a calibration certificate with DAkkS accreditation symbol unconditionally proves traceability to national and international standards and is internationally recognized. For cost reasons, however, DAkkS calibration is often not the most attractive option.

In our laboratory, all ISO calibrations (factory calibrations) are also traceable to national standards and the calibration procedures usually do not differ or differ only slightly from the DAkkS-accredited procedures. Thus, our ISO calibrations offer a more cost-effective, but yet high-quality alternative to DAkkS calibration.

Read more about the topic in our [FAQs](#).

[More information here](#)

▲ Individual service agreements

Put together your **personal all-round carefree service package** according to your needs:

- Keeping live cycle costs under control right from the start, even with new purchases
- Prioritized processing and turnaround times of your orders
- Define calibrations and intervals (incl. calibration reminders and certificates)
- Repairs and adjustment (of GOSSEN METRAWATT products)
- Spare parts service
- COME & GO Service (immediate replacement of the device due for service)
- Firmware updates and device upgrades
- Individual, technical consulting and ongoing support for your processes
- Your entry into digitization with IZYCHECK.IQ - our cloud application for your optimal order, devices and document management



You need something beyond that? Contact us - we can make almost anything possible!

Your contact:
Mr. Thomas Klaus
+49911 817718-471

More information [here](#)

METRACHECK PROFITEST / SECUTEST

Your all-round carefree service package with a term of 24 / 36 / 48 / 60 months

- With METRACHECK 24 / 36 / 48 / 60 you ensure that your device always remains in a fully functional condition. The term of the package always begins on the date of purchase of the associated or returned measuring and testing device.

Your advantages

- Time savings thanks to prioritized throughput times
- Less downtime
- No cost approvals necessary
- Legal certainty & compliance with standards
- Investment & planning security
- Extension of the device service life
- Test equipment management & calibration reminder for your measuring device
- Compliance with manufacturer specifications by authorized service partners



[More information here](#)

COME & GO

Instant Exchange Service "COME & GO"

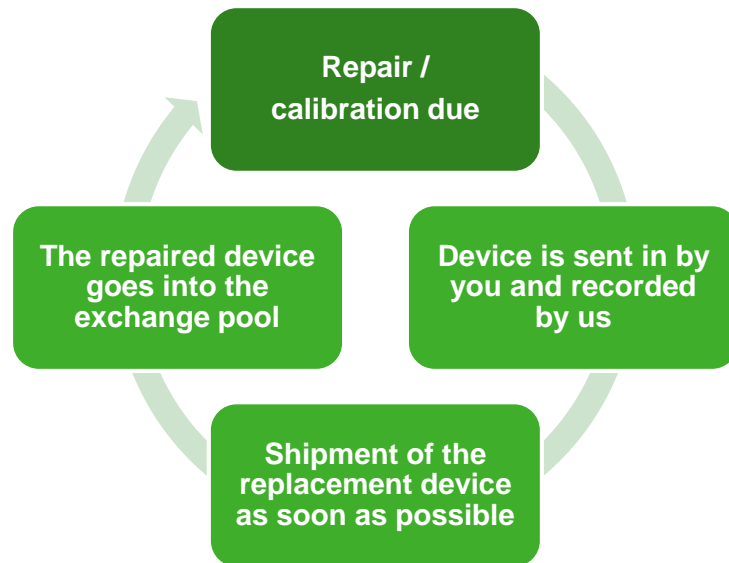
Minimize your downtime and stay up and running almost continuously.

You have a predefined replacement pool of test equipment in stock.

If you send in a device for repair or calibration, we will send you the replacement device as quickly as possible - depending on the country and customs processing.

The repaired device is then added back to the exchange pool and used again as an immediate exchange device the next time.

The cost of the service depends on the type of test equipment (device-specific fixed price) and the number of units in your pool.



Your contact:
Mr. Thomas Klaus
+49911 817718-471

More information [here](#)

Calibration:

depending on type - see price list.

Receiving inspection report 50% of the calibration price.

Repairs:

Depending on effort - prices on request and by cost estimate.

Price information and cost estimates can be obtained from our order processing department.

Meter calibration:

depending on type - see price list.

Discounts are possible depending on the number of pieces!

Individual service agreement &

METRA CHECK warranty extension:

Device and quantity dependent - prices on request.

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Price lists [here](#)

IZYCHECK.IQ - SERVICES

YOUR BENEFITS AT A GLANCE



CALIBRATION PROTOCOLS
Immediate and legally compliant

ARCHIVING
of all order

CALIBRATION MANAGEMENT
Reminder and management of upcoming calibrations

COST CONTROL
Full cost control through integrated cost estimates and approvals

DATA SECURITY
through server locations in Europe

COST EFFICIENCY
No need to invest in expensive IT

FOR A PROFESSIONAL, SECURE AND TIME-TO-DATE ORDER AND INSPECTION MANAGEMENT

- ▲ All test equipment incl. order status **in real time at a glance**
- ▲ **Technical profile** of the measuring device (serial number, firmware / software version, etc.)
- ▲ **Detailed view** of each individual piece of test equipment and status
- ▲ **Email reminder** and management of **upcoming calibrations**
- ▲ **Device overview** for your personal LifeCycle Management
- ▲ Immediate and legally compliant provision of **calibration records**
- ▲ **Instant and legally compliant document management and archiving**
- ▲ **Archiving** and history of all calibration certificates and verifications
- ▲ **No need to invest in expensive IT or software installation**
Access is simple and fast via the web browser
- ▲ Full **cost control** and **data security**

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More information & free trial [here](#)



Fast

Secure

Easy

Efficient

Transparent

Clearly

Cost-effective

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More information [here](#)

LINK: WWW.GMCI-SERVICE.COM/



GOODS ACCOMPANYING DOCUMENT

GMC-I SERVICE **GOSSEN METRAWATT**
CAMILLE BAUER

Goods accompanying document (optional)
ATTENTION: This document does not replace a purchase order! Please clarify in advance whether you need to trigger an official order in your company. If yes, we need your order immediately (indication of the order no.), otherwise we cannot process your order. If you do not need one, your internal, possibly informal accompanying letter (e.g. delivery bill) is sufficient. If you do not have an internal accompanying letter, our goods accompanying paper can be filled in optionally. Please enclose any accompanying letter with your shipment.

Delivery address customer	Billing address customer (if deviating)
Company	Company
Department	Department
Contact person	Contact person
Street	Street
Country, Zip code, Location	Country, Zip code, Location
Telephone	Telephone
E-Mail	E-Mail
Customer no. (if known)	Customer no. (if known)
Order no.	Order no.
VAT ID	VAT ID
<input type="checkbox"/> Self pickup (Name, Telephone)	

Details of the 1. product

Product / Model: _____ Serial no. (if known): _____
Reason for sending & other: _____

Order details

<input type="checkbox"/> Calibration (incl. Certificate) / desired interval (in years): _____	<input type="checkbox"/> Cost estimate
<input type="checkbox"/> Incoming calibration protocol (extra costs)	<input type="checkbox"/> Repair order (error description required)
<input type="checkbox"/> Firmware-Upgrade / Software-Update	<input type="checkbox"/> Repair up to _____ € immediately
<input type="checkbox"/> Request rental device	<input type="checkbox"/> Warranty (attach proof of purchase)

Details of the 2. product

Product / Model: _____ Serial no. (if known): _____
Reason for sending & other: _____

Order details

<input type="checkbox"/> Calibration (incl. Certificate) / desired interval (in years): _____	<input type="checkbox"/> Cost estimate
<input type="checkbox"/> Incoming calibration protocol (extra costs)	<input type="checkbox"/> Repair order (error description required)
<input type="checkbox"/> Firmware-Upgrade / Software-Update	<input type="checkbox"/> Repair up to _____ € immediately
<input type="checkbox"/> Request rental device	<input type="checkbox"/> Warranty (attach proof of purchase)

Note: If no calibration interval is entered, we select 1 year, based on the manufacturer's recommendation.
We charge a flat rate of 49 € if the cost estimate is rejected.
Have you sent in pictures/error descriptions? If so, please name senders e-mail address for identification.

Location, Date _____ **Signature** _____

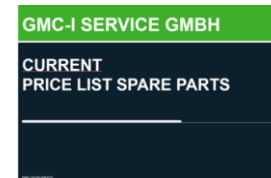
GMC-I Service GmbH
Umsatz 11/24/2022

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CALIBRATION PRICE LIST



SPARE PARTS PRICE LIST



VERIFICATION PRICE LIST

