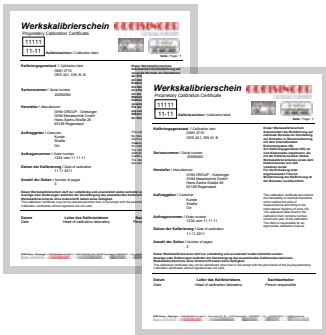




ISO calibration certificates (factory calibration certificates) are issued by GHM Greisinger according to the same measures as DAkkS calibration certificates, but without the expense for external certification, so these certificates can be issued at a reasonable price. In addition, there are measurements for which no accreditation can take place in DAkkS-DKD. IN such cases, the ISO calibration is an important alternative. ISO calibration certificates are issued with measurement standards which are subject to regular inspection of measuring and testing equipment, thus ensuring the traceability of the measurement standards used in the process.

The calibration includes, if applicable, adjustment of the measurement device (only with Greisinger devices).

Calibration certificates are available for all handheld instruments marked with the symbol . Also possible for measuring transmitters resp. combinations of display instruments and sensors/transmitters. Calibration certificates are not included in the scope of delivery of measuring devices.



**Temperature**

**ISO WPT**

incl. 1 measurement point  
(Please specify an inspection point)

**additional measurement point**

(from -30 ... +500 °C)  
(Please specify an inspection point)

**additional measurement point**

(-100 ... -30 and +500 ... +1300 °C)  
(Please specify an inspection point)

**additional measurement point**

-196 °C

**ISO-WPT2A**

Art. no. 602583  
ISO Certificate of calibration with standard values:  
0 °C / +70 °C

**ISO-WPT2B**

Art. no. 602584  
ISO Certificate of calibration with standard values:  
0 °C / +37 °C

**ISO-WPT3**

Art. no. 602596  
ISO Certificate of calibration with standard values:  
-20 °C / 0 °C / +70 °C

**ISO CALIBRATION CERTIFICATE**

**Pressure**

**ISO-WPD5**

Art. no. 602514  
ISO Certificate of calibration: 5 points ascending, 5 points descending

**ISO-WPD10**

Art. no. 602565  
ISO Certificate of calibration: 10 points ascending, 10 points descending

**Humidity**

**ISO-WPF4**

Art. no. 602543  
ISO Certificate of calibration incl. standard-measuring values (approx. 20 % / 40 % / 60 % / 80 % RH increasing and decreasing; measurement point Temperature: approx. +23 °C)

**ISO-80CL**

Art. no. 607734  
ISO Certificate of calibration humidity (measuring values (approx. 20 / 40 / 60 / 80 % bei 23 °C), pressure 5 points increasing and 5 points decreasing

**Atmospheric Oxygen**

**ISO-WPO3**

Art. no. 602816  
ISO Certificate of calibration with 3 points:  
0 / 20,9 / 100 % O<sub>2</sub>  
*Note: a replacement of the sensor, before issue the WPO3, is recommended for sensors with an age of one year!*

**Conductivity**

**ISO-WPL3**

Art. no. 602622  
ISO Certificate of calibration with 3 points:  
~147 µS/cm, ~1413 µS/cm, ~12,90 mS/cm

**ISO-WPL10**

Art. no. 602623  
ISO Certificate of calibration with 10 points from approx. 2 µS, 74 µS, 147 µS, 720 µS, 1413 µS, 2,77 mS, 6,70 mS, 12,90 mS, 24,8 mS, 111,3 mS and approx. 195 mS/cm

**Ultrapure Water - Conductivity**

**ISO-WPL3-RW**

Art. no. 602624  
ISO Certificate of calibration with 3 points:  
~2,50 µS/cm, ~7,00 µS/cm, ~15,00 µS/cm

**pH**

**ISO-WPP3**

Art. no. 602767  
ISO Certificate of calibration with 3 points:  
4,00 pH, 6,87 pH, 9,18 pH

**ISO-WPP10**

Art. no. 602768  
ISO Certificate of calibration with 10 points from 1,09 pH ... 12,75 pH

**Lighting strength**

**ISO-WPB1**

Art. no. 611515  
7 measuring points from 50 ... 4000 Lux

**ISO-WPB2**

Art. no. 611516  
Radiometer UV A  
10 ... 50 Wm<sup>2</sup>

**ISO-WPB3**

Art. no. 611517  
Luminance  
5 measuring points from 10000 ... 30000 cdm<sup>2</sup>

**ISO-WPB4**

Art. no. 611518  
Pyranometer (solar radiation strength)  
1 measuring point

**Air speed**

**ISO-WPG1**

Art. no. 611519  
Impeller anemometer up to Ø 60 mm and heat wire sensors  
1 ... 25 m/s  
Measuring points: approx. 1, 2,5, 5, 10, 25m/s

**ISO-WPG2**

Art. no. 611520  
Impeller anemometer Ø 60 mm or greater, ultrasonic and dynamic pressure sensors, shell anemometer  
1 ... 25 m/s  
Measuring points: approx. 1, 2,5, 5, 10, 25m/s

**Acoustics**

Calibration for integrated sound level meter (IEC 61672) and calibrator (IEC 60942)

**ISO-WPA1**

Art. no. 611521  
Devices manufactured by Delta Ohm (see page 95/96)

Octave band filter - third-octave band filter calibration (according to IEC 60942) and microphone calibration (sensitivity, frequency) on request

Due to the wide variety of calibration possibilities, it is not possible to list all possible variations in this catalogue. Please ask us or request a quotation.



For the storage of the devices, we recommend the use of a safe-keeping case.

**SERVICE OFFERING**

Many devices are delivered with a test report. The reports are created automatically during production and do not provide any information about the traceability of the measurement. Alternatively, the following test reports can be created for measurements which do not require traceability.

**Test reports**

**ISO-GCO**

Art. no. 603841  
Test report for carbon monoxide measuring devices.  
Measuring points at 0 ppm CO, 300 ppm CO

**ISO-GMH38XX**

Art. no. 604463  
Test report for material moisture.  
Measuring devices GMH 38xx, GMR 100

**Express (including shipment)**

**Temperature measuring devices**

-30 ... +500 °C, max. 3 devices, 2 work days

**Pressure measuring devices**

-1 ... +600 bar, max. 3 devices

Larger numbers of devices or additional measurements possible on request.