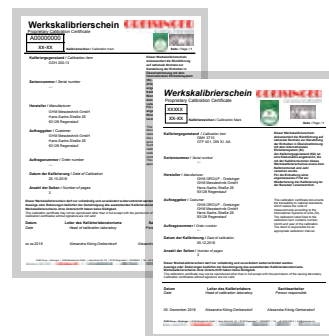# ISO CALIBRATION CERTIFICATES

GHM-Greisinger creates ISO calibration certificates (factory calibration certificates) according to the same standards as DAkkS calibration certificates. Still, since there is no need for an external assessment, these certificates can be issued at a lower cost. In addition, there are measurands for which no accreditation can be performed in the DAkkS-DKD. In these cases, ISO calibration is a valuable alternative. ISO calibration certificates are created with standards subject to regular test equipment monitoring; this ensures the traceability of the standards used.
The calibration may include an adjustment of the measuring instrument (only for Greisinger devices).

For portable instruments marked with the symbol we offer the listed ISO calibration certificates. ISO calibration certificates can also be issued for transmitters or the combined display device and transmitter / sensor. Calibration certificates are not included in the scope of delivery of measuring instruments.

TEMPERATURE

ISO WPT
incl. 1 test point from -100..+1400 °C
(please always specify test point)

additional test point
(from -30 .. + 500 °C) (please always specify test point)

additional test points
(-100 ..- 30 and +500 .. + 1300 °C)
(please always state the test point)

additional test points
-196 °C

ISO-WPT2A
Item No. 602583
ISO calibration certificate with standard values: 0 °C /+70 °C

ISO-WPT2B
Item No. 602584
ISO calibration certificate with standard values: 0 °C /+37 °C

ISO-WPT3
Item No. 602596
ISO calibration certificate with standard values:
-20 °C / 0 °C /+70 °C

ISO-WPT-IR
ISO calibration infrared temperature
Base price infrared
-20..+4 °C per test point
+5 .. +450 °C per test point

PRESSURE

ISO-WPD5
Item No. 602514
ISO calibration certificate: 5 points increasing,
5 points decreasing
-1 .. + 600 bar

ISO-WPD10
Item No. 602565
ISO calibration certificate: 10 points increasing,
10 points decreasing

over 600 bar on request

HUMIDITY

ISO-WPF4
Item No. 602543
ISO calibration certificate with standardtest values humidity / temperature (approx. 20 % / 40 % / 60 % / 80 % RH rising and falling; test point temperature at approx. +23 °C)

ISO-80CL
Item No. 607734
ISO calibration certificate with standard test values humidity / temperature / pressure for EASYLOG 80CL (measuring points approx. 20/40/60/80 % at 23 °C), pressure 5 points increasing, 5 points decreasing

GASEOUS OXYGEN

ISO-WPO3
Item No. 602816
ISO calibration certificate with 3 test values:
0 / 20.9 / 100 % O$_2$
Note: If the sensor is one year old, we recommend replacing the sensor before creating the WPO3!

CONDUCTIVITY

ISO-WPL3
Item No. 602622
ISO calibration certificate with 3 test values:
~ 147 µS / cm, ~ 1413 µS / cm, ~ 12.90 mS / cm

ISO-WPL10
Item No. 602623
ISO calibration certificate with 10 test values of 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
Item No. 602624
ISO calibration certificate, factory calibration conductivity, test points: approx. 2.0 µS / cm 5 µS / cm 15 µS / cm

PH

ISO-WPP3
Item No. 602767
ISO calibration certificate with 3 standardtest values:
4.00 pH, 6.87 pH, 9.18 pH

ISO-WPP9
Item No. 481417
ISO calibration certificate with 10 test values
1.68-10.0 pH (DKD: 1.68; 4.01; 6.86; 7.41; 9.18; 10.01, GPH 10.0; 7.0; 4.0 pH)

SERVICE OFFERS

Many devices are already delivered with a test report. The reports are created automatically during production and do not provide any information about the traceability of the measurement. For measurands that do not need to be traced, the following test protocols can be created as an alternative.

Our express service focuses on urgent ISO calibrations. There are no long downtimes of measuring instruments, thus fast and uncomplicated Germany-wide shipping via UPS-Express. To register, please contact us at **express@greisinger.de** .

TEST REPORTS

ISO-GCO
Item No. 603841
Test protocol for carbon monoxide measuring instruments. Test points at 0 ppm CO, 300 ppm CO

ISO-GMH38XX
Item No. 604463
Test report for material moisture. Measuring instruments GMH 38xx, GMR 110

EXPRESS (INCLUDING SHIPPING)

Temperature measuring devices
-90 .. + 500 °C, max. 3 devices, 2 working days

Pressure measuring devices
-1 .. + 600 bar, max. 3 devices, 2 working days

Humidity measuring devices
approx. 20 % / 40 % / 60 % / 80 % RH, max. 3 devices,
3 working days

Shipment of larger quantities or further measurands is available on request.