

Calibration and Certificate

all from one source

Factory Calibration Certificate, DKD Certificate

for return to national standards		
1. Readjustment	2. Factory Calibration Certificate	3. DKD Calibration Certificate
After a longer period of use, it's recommendable to send in the devices (e.g. humidity) for readjustment. At this, the device will be fully checked up and new adjusted, if required.	DIN EN ISO 9000ff demands a traceable calibration of measuring and test equipment. This calibration certificate is a low-priced alternative to the DKD Calibration Certificate.	The DKD Calibration Certificate always conforms to form, structure and procedures the standards and requirements of the German Calibration Service.



Which certificate will be required ?


Factory Calibration Certificate: could be deemed to be sufficient, if the devices acts as measuring and test equipment within quality management systems according to DIN EN ISO 9000ff or similar, as long as there are not used as a standard. Furthermore there are some measurement categories, without possibility to get a DKD accreditation.

DKD-Calibration Certificate will be recommended for the recalibration of testing equipment which itself is used as a standard for the monitoring of other measuring and test equipment. It's also possible that internal demands of the particular companies makes a DKD Calibration Certificate necessary.

1. Readjustment: (ohne Kalibrierschein)

Readjustment of the device

2. Factory calibration certificate:

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.

Temperature:

Certificate of calibration WPT incl. 1 meas. point
additional meas. point (from -30 to +500°C)
additional meas. point (>500 to 1300°C)

Certificate of calibration WPT2A
 with standard values: 0°C / +70°C

Certificate of calibration WPT2B
 with standard values: 0°C / +37°C

Certificate of calibration WPT3
 with standard values: -20°C / 0°C / +70°C

Pressure:

Certificate of calibration WPD5
 5 points ascending, 5 points descending

Certificate of calibration WPD10
 10 points ascending, 10 points descending

3. DKD calibration certificates: guiding price - exact costs on request.

Temperature:

DKD-certificate (incl. 1 meas. point)
additional meas. points (from -80 to +500°C) each

Pressure: (for each order a add. handling charge of € 25,- must paid)

Over pressure -1...100 bar (incl. 10 points increase and decrease)

Absolute pres. 0...70 bar (incl. 10 points increase and decrease)

Humidity:

Certificate of calibration WPF4
 incl. standard-meas. values (approx. 20% / 40% / 60 / 80 %RH increasing and decreasing)

Conductivity:

Certificate of calibration WPL3
 3 points: ~147 µS/cm, ~1412 µS/cm, ~12,90 mS/cm

Certificate of calibration WPL10
 10 points from 0.9 µS/cm to ~192 mS/cm

pH:

Certificate of calibration WPP10
 10 points from 1.09 pH to 12.92 pH

Atmospheric Oxygen:

Certificate of calibration WPO3
 3 points: 0 / 20.9 / 100 % O₂

Note: a replacement of the sensor, before issue the WPO3, is recommended for sensors with an age of one year!

Humidity: (incl. 1 temperature value)

for devices with fixed attached sensor
 (Testing points: 15 %RH and 70 %RH / at 23 °C)

for devices with external sensor
 (Testing points: 20 %RH, 50 %RH and 80 %RH / at 20 °C)

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

Complete Solutions:



GTH175/Pt - WPT2 (immersion probe)
 incl. certificate of calibration WPT2A (0°C / 70°C) and case GKK252.

GTH175/Pt - WPT3 (immersion probe)
 incl. certificate of calibration WPT3 (-20 / 0 / +70°C) and case GKK252.

GTH175/Pt-E - WPT3 (insertion probe)
 incl. certificate of calibration WPT3 (-20 / 0 / +70°C) and case GKK252.



GTH1170 incl. GTF900 - WPT
 incl. certificate of calibration WPT (with measuring points: 0 / 100 / 250 / 500°C) and case GKK1100.

GFTH200 - WPF4
 incl. certificate of calibration WPF4 (~20% / ~40% / ~60% / ~80%RH increasing and decreasing) and case GKK252.

GMH3330 incl. TFS0100E - WPF4
 incl. certificate of calibration WPF4 (~20% / ~40% / ~60% / ~80%RH ascending / descending) and case GKK3500.

GMH3161-07/-12/-13 - WPD5
 incl. certificate of calibration WPD5 (5 points ascending / descending) and case GKK3000.