

# Calibration and Certificate

all from one source

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 according DIN EN ISO 17025.




## 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:** (without certificate of calibration) Readjustment of the device € 17,00

## 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** € 96,00  
incl. 1 meas. point  
**additional meas. point** (from -30 to +500°C) á € 17,00  
**additional meas. point** (>500 to 1300°C) € 40,00

**Certificate of calibration WPT2A** € 57,00  
with standard values: 0°C / +70°C

**Certificate of calibration WPT2B** € 57,00  
with standard values: 0°C / +37°C

**Certificate of calibration WPT3** € 85,00  
with standard values: -20°C / 0°C / +70°C

### Pressure:

**Certificate of calibration WPD5** € 84,00  
5 points ascending, 5 points descending

**Certificate of calibration WPD10** € 136,00  
10 points ascending, 10 points descending

### Humidity:

**Certificate of calibration WPF4** € 94,00  
incl. standard-meas. values (approx. 20% / 40% / 60 / 80 %RH increasing and decreasing)

### Conductivity:

**Certificate of calibration WPL3** € 94,00  
3 points: ~147 µS/cm, ~1412 µS/cm, ~12,90 mS/cm

**Certificate of calibration WPL10** € 143,00  
10 points from 0.9 µS/cm to ~192 mS/cm

### Ultrapure Water:

**Certificate of calibration WPL3-RW** € 124,00  
3 points: ~2,50 µS/cm, ~7,00 µS/cm, ~15,00 µS/cm

### pH:

**Certificate of calibration WPP3** € 94,00  
3 points: 4,00 pH, 6,87 pH, 9,18 pH

**Certificate of calibration WPP10** € 142,00  
10 points from 1.09 pH to 12.75 pH

### Atmospheric Oxygen:

**Certificate of calibration WPO3** € 84,00  
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!*

## 3. DKD calibration certificates (according DIN EN ISO 17025): *guiding price - exact costs on request.*

### Temperature:

**DKD-certificate** (incl. 1 meas. point) € 145,00  
**additional meas. points** (from -80 to +500°C) each € 45,00

### Pressure:

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

**Over pressure -1...100 bar** € 168,00  
(incl. 9 points increase and decrease)

**Absolute pres. 0...70 bar** € 262,00  
(incl. 9 points increase and decrease)

### Humidity: (incl. 1 temperature value)

**for devices with external sensor** € 212,00  
(Testing points: 15 %RH and 70 %RH / at 23 °C)

**for devices with fixed attached sensor** € 361,00  
(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