We measure it. testo

Next Generation!

With the professional
Testo data loggers,
a new age begins for you

Logger series
testo 174

Logger series
testo 175

Logger series
testo 176

The new generation of data loggers –
into the future with USB connection and storage card

A high level of user-friendliness and absolute security characterize the new generation of Testo data loggers. With the current range of a total of 13 data loggers, Testo offers the right solution for various applications. In addition to the eleven new instruments from the testo 175 and testo 176 series , it also includes the two mini data loggers testo 174T and testo 174H.

The testo 175 series consists of four compact data loggers for the measurement of temperature and humidity. The testo 176 series contains seven data loggers which are especially suited to applications in demanding surroundings, such as in laboratories. An absolute innovation in this series is the testo 176 P1, with which absolute pressure can be measured and documented, in addition to temperature and humidity.

All new data loggers from the series testo 175 and testo 176 have a USB and an SD card interface, making readout of the data fast and easy. The considerably higher memory capacity and the power supply using conventional batteries are further plus points of the new products. It goes without saying that the proven one-button menu structure, which offers absolute operating convenience, has been retained in the new generation of data loggers.

One-button menu structure

USB interface

SD card

Secure and simple –
an overview of the new data loggers testo 175 and testo 176:

Safety

- **Data security** thanks to non-volatile memory – even when the batteries are spent, the data are not lost
- **Password protection** prevents changes by unauthorized persons
- **Anti-theft lock** – with the help of a wall holder, the loggers can be permanently attached and secured against theft with a padlock
- **Robustness** – three data loggers from the testo 176 series have a **metal housing** which offers optimum protection from impact

User-friendliness

- Two **standard interfaces** (mini USB and SD card) allow easy programming and readout of the loggers via direct connection to the PC
  – **an additional interface for the readout is not required**
- **Large display** for non-problematic reading of measurement data – even in badly lit rooms, thanks to backlighting at the press of a button
- **Operating comfort** thanks to one-button menu structure – a click on the "Go" button and the recording of the measurement values begins
- **Longer battery life** due to improved energy management – the loggers testo 176 record data without interruption for up to 8 years
- The **large memory** of the loggers testo 176 collects up to 2 million measurement values – the logger needs to be read out considerable less often

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The right logger software for every application

Three software versions are available for programming and reading out the data loggers, as well as for the analysis of the data. Depending on the requirement, Testo offers the right software solution. The **testo ComSoft Basic 5** with new graphic user interface offers all the basic functions of a standard logger software. Independently of where the data loggers are used – the testo ComSoft Basic 5 facilitates the configuration and readout of the instruments as well as the analysis of the data. User-friendliness and intuitive operation are paramount here. Requirements over and above this, such as the correlation of measurement data which have beenrecorded at different sites, are optimally fulfilled by the **testo ComSoft Professional 4**. The pharmaceutical industry makes very special demands, whose fulfilment is guaranteed by the **testo ComSoft CFR21 Part 11**.

testo ComSoft Basic 5 – for easy operation and convenient analysis

- Graphic user interface guides the user step-by-step through the individual procedures
- Convenient export functions, e. g. for further processing of the data in Microsoft Excel, or the generation of a PDF which can be made available to other users
- The testo ComSoft Basic 5 offers all the basic functions of a logger software
- **Free download** of the testo ComSoft Basic 5 with mandatory registration

More information:
www.testo.com

CD ComSoft Basic 5, if free, registration-mandatory download not wanted

Order no.: 0572 0580

testo ComSoft Professional 4 – for demanding users

- The ComSoft Professional 4 offers analysis and presentation possibilities over and above the basic functions
- Many measurement sites and data loggers can be organized in a clear tree structure, for example

Order no.: 0554 1704

testo ComSoft CFR 21 Part 11 – specially for the requirements of the pharmaceutical industry

- The ComSoft CFR 21 Part 11 is a validation-capable software, and fulfils all the stipulations of the FDA (Food and Drug Administration) in the framework of a closed system
- Conformity with the CFR guidelines is confirmed by an independent institute

designed for 21CFR11

Order no.: 0554 1705

Logger series testo 174
The small ones...

testo 174T

1-channel temperature logger with internal sensor (NTC) incl. wall bracket, batteries and calibration protocol

- Reliable temperature measurement for the monitoring of cold chains and sensitive products in stroage and transport
- Easy readout of the data, and transfer to a PC via Testo USB interface

testo 174H

2-channel temperature and humidity data logger with internal sensor (NTC/capacitive humidity sensor) incl. wall bracket, batteries and calibration protocol

- Low-budget temperature and humidity monitoring for living, work, and storage rooms
- Easy readout of the data, and transfer to a PC via Testo USB interface

Logger series testo 175
The compact ones...

testo 175 T1

1-channel temperature logger with internal sensor (NTC) incl. wall bracket, padlock, batteries and calibration protocol

- Professional temperature monitoring for refrigerated and deep-freeze rooms
- Compact data logger for long-term monitoring of temperature, e. g. during transport of goods

testo 175 T2

2-channel temperature data logger with internal (NTC), and external sensor connection (NTC) incl. wall bracket, padlock, batteries and calibration protocol

- Simultaneous monitoring of air and product temperature
- External probe input for easy connection, e. g. of a permitted food probe for measuring the core temperature of the goods

Technical data	testo 174T *	testo 174H *	testo 175 T1	testo 175 T2
Sensor	NTC	NTC/ capacitive humidity sensor	NTC	NTC
Channels	1 x internal	2 x internal	1 x internal	1 x internal, 1 x external
Measurement units	°C, °F	°C, °F, %rF, %RH	°C, °F	°C, °F
Measuring range	-30 to +70 °C	-20 to +70 °C internal 0 to 100 %RH	-35 to +55 °C internal	-35 to +55 °C internal -40 to +120 °C external
Accuracy ± 1 digit	±0.5 °C (-30 to +70 °C)	±0.5 °C (-20 to +70 °C) ±3 %RH (2 to 98 %RH) at +25 °C +0.03 %RH/K	±0.5 °C (-35 to +55 °C)	±0.5 °C (-35 to +55 °C) internal ±0.3 °C (-40 to +120 °C) external
Resolution	0.1 °C	0.1 °C, 0.1 %RH	0.1 °C	0.1 °C
Battery life (at +25 °C)	500 days at 15 min. meas. rate	1 year at 15 min. meas. rate	3 years at 15 min. meas. rate	3 years at 15 min. meas. rate
Operating temperature	-30 to +70 °C	-20 to +70 °C	-35 to +55 °C	-35 to +55 °C
Storage temperature	-40 to +70 °C	-40 to +70 °C	-35 to +55 °C	-35 to +55 °C
Dimensions	60 x 38 x 18,5 mm	60 x 38 x 18,5 mm	89 x 53 x 27 mm	89 x 53 x 27 mm
Battery type	2 x CR 2032 Lithium	2 x CR 2032 Lithium	3 x AlMn Type AAA or Energizer	3 x AlMn Type AAA or Energizer
Protection class	IP 65	IP 20	IP 65	IP 65
Meas. cycle	1 min - 24 h	1 min - 24 h	10 sec - 24 h	10 sec - 24 h
Memory	16,000 readings	16,000 readings	1 mio. measurement values	1 mio. measurement values
Software	ComSoft Basic 5 ComSoft Professional 4	ComSoft Basic 5 ComSoft Professional 4	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11
	testo 174T	**testo 174H**	**testo 175 T1**	**testo 175 T2**
	Order no.: 0572 1560	**Order no.: 0572 6560**	**Order no.: 0572 1751**	**Order no.: 0572 1752**
	Set testo 174T	**Set testo 174H**		
	Order no.: 0572 0561	**Order no: 0572 0566**		

-* Not for condensing atmosphere. For continuous applications in high humidity (>80 %RH at 30 C for >12 h, >60 %RH at >12h),
please contact us via www.testo.com.au

Logger series testo 176
The versatile ones...

testo 175 T3

2-channel temperature data logger with external sensor connections (TC Type T und Type K) incl. wall bracket, padlock, batteries and calibration protocol

- Parallel monitoring and recording of two temperature measurement sites
- Easy monitoring and documentation, e. g. of the flow and return temperature of a heating system

testo 175 H1

2-channel temperature and humidity data logger with external humidity sensor (NTC/capacitive humidity sensor) incl. wall bracket, padlock, batteries and calibration protocol

- Professional long-term monitoring of temperature and humidity in work and storage rooms
- Fast reaction time thanks to external humidity probe

testo 176 T1

1-channel temperature logger in metal housing with highly accurate internal sensor (Pt100) incl. wall bracket, padlock, batteries and calibration protocol

- Highly accurate temperature measurementt under extreme conditions
- Robust metal housing protects from mechanical influences such as impact

testo 176 T2

2-channel temperature logger with connections for highly accurate external sensor (Pt100) incl. wall bracket, padlock, batteries and calibration protocol

- Highly accurate temperature measurement in the food sector and in laboratories
- Temperature monitoring e. g. in refrigerators with highly accurate Pt100 probes

testo 176 T3

4-channel temperature data logger in metal housing with external sensor connection (TC Type T, Type K and Type J) incl. wall bracket, padlock, batteries and calibration protocol

- Parallel temperature measurement at up to four measurement sites using different connectable thermocouple probes for different applications
- Robust metal housing protects from mechanical influences such as impact

	testo 175 T3	testo 175 H1 *	testo 176 T1	testo 176 T2	testo 176 T3
			EN 12830	EN 12830	
	TC (Types T and K)	NTC/ capacitive humidity sensor	Pt100 class A	Pt100 class A	TC (Types T , K and J)
	2 x external	2 x internal (stump)	1 x internal	2 x external	4 x external
	°C, °F	°C, °F, %rF, %RH, td, g/m³	°C, °F	°C, °F	°C, °F
	-50 to +400 °C (Type T) -50 to +1000 °C (Type K)	-20 to +55 °C -40 to +50 °C_{td} 0 to 100 %RH	-35 to +70 °C	-50 to +400 °C	-200 to +400 °C (Type T) -195 to +1000 °C (Type K) -100 to +750 °C (Type J)
	±0.5 °C (-50 to +70 °C) ±0.7 % of mv (+70.1 to +1000 °C)	±2 %RH (2 to 98 %RH) at +25 °C +0.03 %RH/K ±0.4 °C (-20 to +55 °C)	±0.2 °C (-35 to +70 °C)	±0.2 °C (-50 to +200 °C) ±0.3 °C (+200.1 to +400 °C)	±1% of mv (-200 to -100.1 °C) ±0.3 °C (-100 to +70 °C) ±0.5% of mv (+70.1 to +1000 °C)
	0.1 °C	0.1 °C, 0.1 %RH	0,01 °C	0,01 °C	0.1 °C
	3 years at 15 min. meas. rate	3 years at 15 min. meas. rate	8 years at 15 min. meas. rate	8 years at 15 min. meas. rate	8 years at 15 min. meas. rate
	-20 to +55 °C	-20 to +55 °C	-35 to +70 °C	-35 to +70 °C	-20 to +70 °C
	-20 to +55 °C	-20 to +55 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
	89 x 53 x 27 mm	149 x 53 x 27 mm	103 x 63 x 33 mm	103 x 63 x 33 mm	103 x 63 x 33 mm
	3 x AlMn Type AAA or Energizer	3 x AlMn Type AAA or Energizer	1 x Lithium (TLH-5903)	1 x Lithium (TLH-5903)	1 x Lithium (TLH-5903)
	IP 65	IP 54	IP 68	IP 65	IP 54
	10 sec - 24 h	10 sec - 24 h	1 sec - 24 h	1 sec - 24 h	1 sec - 24 h
	1 mio. measurement values	1 mio. measurement values	2 mio. measurement values	2 mio. measurement values	2 mio. measurement values
	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11
	testo 175 T3	**testo 175 H1**	**testo 176 T1**	**testo 176 T2**	**testo 176 T3**
	Order no.: 0572 1753	**Order no.: 0572 1754**	**Order no.: 0572 1761**	**Order no.: 0572 1762**	**Order no.: 0572 1763**

testo 176 T4

4-channel temperature data logger with external sensor connections (TC Type T, Type K and Type J) incl. wall bracket, padlock, batteries and calibration protocol

- Parallel temperature measurement at up to four measurement sites using different connectable thermocouple probes for different applications
- Easy monitoring and documentation, e. g. of the flow and return temperature of an underfloor heating system at up to four measurement sites simultaneously

testo 176 H1

4-channel temperature and humidity data logger with external sensor connections (NTC/capacitive humidity sensor) incl. wall bracket, padlock, battery and calibration protocol

- Parallel temperature and humidity measurement
- Different connectable humidity and temperature probes, e. g. for humidity monitoring in storerooms

testo 176 H2

4-channel temperature and humidity data logger in metal housing with external sensor connections (NTC/capacitive humidity sensor) incl. wall bracket, padlock, batteries and calibration protocol

- Parallel temperature and humidity measurement with various connectable humidiy and temperature probes for different applications
- Robust metal housing protects from mechanical influences such as impact

testo 176 P1

5-channel pressure, temperature and humidity data logger with internem sensor (absolute pressure) and external sensor connections (NTC/capacitive humidity sensor) incl. wall bracket, padlock, batteries and calibration protocol

- Highly accurate and secure documentation of the ambient conditions e. g. in a laboratory
- Internal absolute pressure sensor and connection possibilities for two external humidity probes

testo 176 T4	testo 176 H1	testo 176 H2	testo 176 P1
TC (Types T , K and J)	NTC/ capacitive humidity sensor	NTC/ capacitive humidity sensor	NTC/ capacitive humidity sensor/ absolute pressure sensor
4 x external	2 probes, 4 external channels	2 probes, 4 external channels	1 x internal, 2 probes, 4 external channels
°C, °F	°C, °F, %rF, %RH, td, g/m³, WB	°C, °F, %rF, %RH, td, g/m³, WB	°C , °F, %rF, %RH, td, g/m³, hPa, mbar, in Hg, in H20, psi
-200 to +400 °C (Type T) -195 to +1000 °C (Type K) -100 to +750 °C (Type J)	-20 to +70 °C -40 to +70 °C_{td} 0 to 100 %RH	-20 to +70 °C -40 to +70 °C_{td} 0 to 100 %RH	-20 to +70 °C -40 to +70 °C_{td} 0 to 100 %RH / 600 mbar to 1100 mbar
±1% of reading (-200 to 100.1 °C) ±0.3 °C (-100 to +70 °C) ±0.5% of m.v. (+70.1 to +1000 °C)	±0.2 °C (-20 to +70 °C) ±0.4 °C (rest of measuring range)	±0.2 °C (-20 to +70 °C) ±0.4 °C (remaining meas. range)	±0.2 °C (-20 to +70 °C) ±0.4 °C (remaining measuring range) ±3 mbar (0 to 50 °C)
0.1 °C	0.1 °C, 0.1 %RH	0.1 °C, 0.1 %RH	0.1 °C, 0.1 %RH, 0,1 mbar
8 years at 15 min. meas. rate	8 years at 15 min. meas. rate	8 years at 15 min. meas. rate	8 years at 15 min. meas. rate
-20 to +70 °C	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C
-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
103 x 63 x 33 mm	103 x 63 x 33 mm	103 x 63 x 33 mm	103 x 63 x 33 mm
1 x Lithium (TLH-5903)	1 x Lithium (TLH-5903)	1 x Lithium (TLH-5903)	1 x Lithium (TLH-5903)
IP 54	IP 65	IP 65	IP 54
1 sec - 24 h	1 sec - 24 h	1 sec - 24 h	1 sec - 24 h
2 mio. measurement values	2 mio. measurement values	2 mio. measurement values	2 mio. measurement values
ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11	ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11
testo 176 T4	**testo 176 H1**	**testo 176 H2**	**testo 176 P2**
Order no.: 0572 1764	**Order no.: 0572 1765**	**Order no.: 0572 1766**	**Order no.: 0572 1767**

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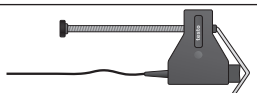
External probes – the right accessories for every application

Probe		Meas. range	Accuracy	t99	Order no.
NTC					
Stump probe, IP 54		-20 to +70 °C	±0.2 °C (-20 to +40 °C) ±0.4 °C (+40.1 to +70 °C)	15 sec	0628 7510
Stationary probe with aluminium sleeve, IP 65		-30 to +90 °C	±0.2 °C (0 to +70 °C) ±0.5 °C (remaining meas. range)	190 sec	0628 7503*
Stainless steel NTC food probe (IP 65) with PUR cable		-50 to +150 °C***	±0.5% of m.v. (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (rem. meas. range)	8 sec	0613 2211*
Accurate immersion/penetration probe Cable length 1.5 m, IP 67		-35 to +80 °C	±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining meas. range)	5 sec	0628 0006*
Waterproof NTC immersion/penetration probe		-50 to +150 °C	±0.5% of reading (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (rem. meas. range)	10 sec	0613 1212
Thermocouple					
Stationary probe with stainless steel sleeve, TC Type K		-50 to +205 °C	Class 2 ****	20 sec	0628 7533
Pipe wrap probe with Velcro tape for temperature measurements on pipes diameter to max. 120 mm, Tmax. +120 °C, TC Type K		-50 to +120 °C	Class 1****	90 sec	0628 0020
Pipe wrap probe for pipe diameters 5 to 65 mm, with exchangeable measuring head, measuring range briefly up to +280 °C, TC type K		-60 to +130 °C	Class 2****	5 sec	0602 4592
Magnet probe, adhesion approx.10 N, with magnets, for higher temperatures, for measurements on metal surfaces, TC type K		-50 to +400 °C	Class 2****		0602 4892
Thermocouple with TC plug flexible, length 1500 mm, fibreglass, TC Type K		-50 to +400 °C	Class 2****	5 sec	0602 0645
Superfast needle probe for monitoring cooking times in ovens, TC Type T		-50 to +250 °C	± 0.2 °C (-20 to +70 °C) Class 1 (remaining measuring range)****	2 sec	0628 0030
Pt100					
Robust Pt100 Stainless steel food probe (IP 65)		-50 to +400 °C	Class A (-50 to +300 °C), Class B (rem. meas. range)	10 sec	0609 2272*
Robust, waterproof Pt100 immersion/penetration probe		-50 to +400 °C	Class A (-50 to +300 °C), Class B (rem. meas. range)	12 sec	0609 1273*
Laboratory probe Pt100, glass-coated, Glass tube (Duran 50) exchangeable, resistant to corrosive media		-50 to +400 °C	Class A (-50 to +300 °C), Class B (rem. meas. range)	45 sec 12 sec **	0609 7072*
Humidity					
Humidity / temperature probe 12 mm [a]		-20 to +70 °C, 0 to +100 %RH	±0.3 °C, ±2 %RH (2 to 98 %RH) at +25 °C ±0.03 % RH/K-		0572 6172
Humidity / temperature probe 4 mm [a]		0 to +40 °C, 0 to +100 %RH	±0.3 °C, ±2 %RH (2 to 98 %RH) at +25 °C ±0.03 % RH/K		0572 6174

[a] Not for condensing atmosphere. For continuous applications in high humidity (>80 %RH at 30 C for >12 h, >60 %RH at >30 C for >12h), please contact us via www.testo.com.au

Complete overview of probes:
www.testo.com/datenloggers

The specified tightness class for data loggers is fulfilled with these probes
* Probe tested according to EN 12830 for suitability for the areas of transport and storage
** without protective glass
*** Long-term measuring range to +125 °C, briefly to +150 °C or +140 °C (2 minutes)
**** Acc. to norm 60584-2, the accuracy of Class 1 refers to -40 to +1000 °C (Type K), Class 2 to -40 to +1200 °C (Type K), Class 3 to -200 to +40 °C (Type K)

Ordering data

Designation		Order no.
Data loggers		
testo 174T	1-channel temperature logger with internal sensor (NTC)	0572 1560
Set testo 174T	Set mini data logger testo 174T, 1-channel, incl. USB interface for programming and reading out the logger, wall bracket, batteries (2 x CR 2032 Lithium) and calibration protocol	0572 0561
testo 174H	2-channel temperature and humidity data logger with internal sensor (NTC/capacitive humidity sensor)	0572 6560
Set testo 174H	Set 2-channel temperature and humidity data logger testo 174H incl. USB interface for programming and reading out the logger, wall bracket, batteries (2 x CR 2032 Lithium) and calibration protocol	0572 0566
testo 175 T1	1-channel temperature logger with internal sensor (NTC)	0572 1751
Set testo 175 T1	Set 3 off 1-channel temperature data logger testo 175 T1 incl. USB cable for programming and reading out the logger, CD ComSoft Basic 5, SD-card, wall bracket, batteries, calibration protocol	0572 1750
testo 175 T2	2-channel temperature data logger with internal (NTC), and external sensor connection (NTC)	0572 1752
testo 175 T3	2-channel temperature data logger with external sensor connection (TC Type T and Type K)	0572 1753
testo 175 H1	2-channel temperature and humidity data logger with external sensor (NTC/capacitive humidity sensor)	0572 1754
testo 176 T1	1-channel temperature logger in metal housing with highly accurate internal sensor (Pt100)	0572 1761
testo 176 T2	2-channel temperature logger with connections for highly accurate external sensor (Pt100)	0572 1762
testo 176 T3	4-channel temperature data logger in metal housing with external sensor connection (TC Type T, Type K and Type J)	0572 1763
testo 176 T4	4-channel temperature data logger with external sensor connections (TC Type T, Type K and Type J)	0572 1764
testo 176 H1	4-channel temperature and humidity data logger with external sensor connections (NTC/capacitive humidity sensor)	0572 1765
testo 176 H2	4-channel temperature and humidity data logger in metal housing with external sensor connections (NTC/capacitive humidity sensor)	0572 1766
testo 176 P1	5-channel pressure, temperature and humidity data logger with internal sensor (absolute pressure) and external sensor connections (NTC/capacitive humidity sensor)	0572 1767
Accessories		
testo 174D	USB interface for programming and reading out the loggers testo 174T and testo 174H	0572 0500
USB cable	Cable for connecting the data loggers testo 175 and testo 176 with a PC, mini USB to USB	0449 0047
SD card	SD card for collecting the measurement data from the data loggers testo 175 and testo 176, application range to -20 °C	0554 1700
Wall holder	Wall holder (black) with padlock for testo 175	0554 1702
Wall holder	Wall holder (black) with padlock for testo 176	0554 1703
Battery testo 174	Lithium button battery CR 2032 for testo 174T and testo 174H (please order two batteries per logger)	0515 0028
Battery for testo 175	Application range below -10 °C, alkaline manganese microcells AAA (please order 3 batteries per logger)	0515 0009
Battery for testo 175	Application range below -10 °C, Energizer L92 microcells AAA (please order 3 batteries per logger)	0515 0042
Battery for testo 176	1 x TLH-5903 AA cell	0515 1760
Software		
ComSoft Basic 5	CD ComSoft Basic 5 (if free, registration-mandatory download not wanted)	0572 0580
ComSoft Professional 4	Pro software incl. data archiving	0554 1704
ComSoft CFR 21 Part 11	Software for requirements according to CFR 21 Part 11 for Testo data loggers	0554 1705
Calibration certificates		
ISO temperature calibration certificate; temperature probe; calibration points: -18 °C, 0 °C, +40 °C; per channel/instrument		0520 0153
DKD temperature calibration certificate; temperature probe; calibration points: -18 °C, 0 °C, +60 °C; per channel/instrument		0520 0261
ISO humidity calibration certificate; humidity probe; calibration points: 11.3 %RH and 75.3 %RH at +25 °C/+77 °F; per channel/instrument		0520 0076
DKD humidity calibration certificate; humidity probe; calibration points: 11.3 %RH and 75.3 %RH at +25 °C/+77 °F; per channel/instrument		0520 0246
ISO calibration certificate absolute pressure, pressure sensor, 5 calibration points over measuring range		0520 0025
DKD calibration certificate absolute pressure, pressure sensor, 11 calibration points over measuring range		0520 0215

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