

Testo Comsoft 4 Professional Software

Model	Testo Comsoft Professional V4		
Description	Professional Software including data archiving and online measurement function.		
Operating System	<ul style="list-style-type: none">• Windows® XP Service Pack 2 (SP2)• Windows Vista• Windows 7		
Computer	<ul style="list-style-type: none">• Interface USB 1.1 or higher• Internet Explorer 5.0 SP1 or higher		
Compatible Logger Models	Testo 171, 174, 175, 176, 177		
Other Compatible Instruments	Testo 400, 435, 445, 545, 645, 650, 735, 950		
Part Number	0554 1704		

Model	testo 175 H1	testo 176 P1
	<p>2-channel temperature and humidity data logger with external humidity sensor (NTC/capacitive humidity sensor)</p> <ul style="list-style-type: none"> Professional long-term monitoring of temperature and humidity in work and storage rooms Fast reaction time thanks to external humidity probe 	<p>5-channel pressure, temperature and humidity data logger with internal sensor (absolute pressure) and external sensor connections (NTC/capacitive humidity sensor)</p> <ul style="list-style-type: none"> Highly accurate and secure documentation of ambient conditions e.g. in a laboratory Internal absolute pressure sensor and connection possibilities for two external humidity probes
Sensor	NTC/ capacitive humidity sensor	NTC/ capacitive humidity sensor/absolute pressure sensor
Channels	2 x internal (stump)	1 x internal, 2 probes, 4 external channels
Measuring range	-20 to +55 °C -40 to +50 °C _{td} 0 to 100 %RH	-20 to +70 °C -40 to +70 °C _{td} 0 to 100 %RH / 600mbar to 1100 mbar
Accuracy	±2 %RH (2 to 98 %RH) +0.03 %RH/K ±0.4 °C (-20 to +55 °C)	±0.1 °C ±0.1% rh, 1mbar
Battery life (at +25°C, 15 min. measuring rate)	3 years	8 years
Operating temperature	-35 to +55 °C	-20 to +70 °C
Measuring cycle	10 sec - 24 h	1 sec - 24 h
Memory	1 million measurement values	2 million measurement values
Part Number	0572 1754	0572 1767

Model	testo 176 T1	testo 176 T2	testo 176 T3
	1-channel temperature logger in metal housing with highly accurate internal sensor (Pt100) <ul style="list-style-type: none"> · Highly accurate temperature measurement under extreme conditions · Robust metal housing providing a high degree of impact protection 	2-channel temperature logger with connections for highly accurate external sensor (Pt100) <ul style="list-style-type: none"> · Highly accurate temperature measurement in the food sector and in laboratories · Temperature monitoring e.g. in refrigerators with highly accurate Pt100 probes 	4-channel temperature logger in metal housing with external sensor connection (TC Type T, Type K and Type J) <ul style="list-style-type: none"> · Parallel temperature measurement at up to 4 measurement sites using different connectable thermocouple probes for different applications · Robust metal housing providing a high degree of impact protection
Sensor	PT100 Class A	PT100 Class A	TC (Types T, K and J)
Channels	1 x internal	2 x internal	4 x external
Measuring range	-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)
Accuracy	±0.2 °C (-35 to +70 °C)	±0.2 °C (-50 to +200 °C) ±0.3 °C (+200 to +400 °C)	1% of mv (-200 to +100 °C) ±0.3 °C (-100 to +70 °C) +0.5% of mv (+70.1 to +1000 °C)
Battery life (at +25°C, 15 min. measuring rate)	8 years At 15 min. meas. rate	8 years At 15 min. meas. rate	8 years At 15 min. meas. rate
Operating temperature	-35 to +70 °C	-35 to +70 °C	-20 to +70 °C
Measuring cycle	1 sec - 24 h	1 sec - 24 h	1 sec - 24 h
Memory	2 million measurement values	2 million measurement values	2 million measurement values
Part Number	0572 1761	0572 1762	0572 1763

Model	testo 176 T4	testo 176 H1	testo 176 H2
	<p>4-channel temperature logger with external temperature sensor connections (TC Type T, Type K and Type J)</p> <ul style="list-style-type: none"> Parallel temperature measurement at up to 4 measurement sites using different connectable thermocouple probes for different applications Easy monitoring and documentation e.g. of the flow and return temperature of an under floor heating system at up to 4 measurement sites simultaneously 	<p>4-channel temperature and humidity data logger with external sensor connections (NTC/capacitive humidity sensor)</p> <ul style="list-style-type: none"> Parallel temperature and humidity measurement Different connectable humidity and temperature probes, e. g. for humidity monitoring in storerooms 	<p>4-channel temperature and humidity data logger with external sensor connections (NTC/capacitive humidity sensor)</p> <ul style="list-style-type: none"> Parallel temperature and humidity measurement with connectable probes Robust metal housing protects from mechanical influences such as impact
Sensor	TC Types T, K and J	NTC/ capacitive humidity sensor	NTC/ capacitive humidity sensor
Channels	4 x external	2 probes, 4 external channels	2 probes, 4 external channels
Measuring range	-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 _{id} 0 to 100 %RH	-20 to +70 °C -40 to +70 °C _{id} 0 to 100 %RH
Accuracy	1% of mv (-200 to +100 °C) ±0.3 °C (-100 to +70 °C) +0.5% of mv (+70.1 to +1000°C)	±0.2 °C (-20 to +70 °C) ±0.4 °C (remaining meas. range)	±0.2 °C (-20 to +70 °C) ±0.4 °C (remaining meas. range)
Battery life (at +25°C, 15 min. measuring rate)	8 years At 15 min. meas. rate	8 years	8 years
Operating temperature	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C
Measuring cycle	1 sec - 24 h	1 sec - 24 h	1 sec - 24 h
Memory	2 million measurement values	2 million measurement values	2 million measurement values
Part Number	0572 1764	0572 1765	0572 1766