testostor 171-4

testostor 171-4 with up to 4 external temperature probes is used for simultaneous temperature recording at different locations e.g. in production processes or in storage areas.

4 external temperature probe sockets

- Tamperproof measured data
- Attachable: Display, display with printing option, visual alarm display
- Clear printout on site on the Testo printer
- Data analysis on your PC with user-friendly Windows® software: all measurement and limit values at a glance
- Large memory for up to 55,000 readings
- With calibration protocol

testostor 171-4, temperature data logger, 4 channels, with starting magnet, battery and calibration protocol

Part no.
0577 1714

Temperature probes (NTC)	Illustration	Meas. range	Accuracy	Reaction time	Part no.
Robust immersion/air probe, quick-action, 6m cable, IP68 probe tip	40 mm, Ø 3 mm, Conn.: Fixed cable 6 m	-50 to +80 °C	±0.2 °C (-25 to +80 °C) ±0.4 °C (-50 to -25.1 °C)	5 s t_{99} (in water)	0610 1720
Air probe, highly accurate, can be attached directly	30 mm, Ø 3 mm, Ø 3 mm	-35 to +70 °C	±0.2 °C (-35 to +70 °C)	180 s t_{90}	0610 1722
Robust, accurate, waterproof food probe (IP65), made of stainless steel	125 mm, Ø 4 mm, Ø 3 mm, Conn.: Fixed cable 2 m	-50 to +120 °C	±0.2 °C (-25 to +80 °C) ±0.4 °C (-50 to -25.1 °C) ±0.5 °C (+80.1 to +120 °C)	10 s t_{99} (in water)	0610 2217
Frozen food probe, corkscrew design	110 mm, Ø 8 mm, 30 mm, Ø 4 mm, Conn.: Plug-in cable 2 m	-50 to +120 °C	±0.2 °C (-25 to +80 °C) ±0.4 °C (-50 to -25.1 °C) ±0.5 °C (+80.1 to +120 °C)	8 s t_{99} (in water)	0610 3217
Pipe probe with Velcro, measures flow/return temperature, pipe diameter max. 80 mm	Ø 80 mm, Conn.: Fixed cable 3 m	-50 to +80 °C	±0.2 °C (-25 to +80 °C) ±0.4 °C (-50 to -25.1 °C)		0610 4617
Wall surface temperature probe, e.g. provides proof of damage to building material, cable 6.1m long, probe tip 40x15x0.2 mm	Conn.: Fixed cable 6.1 m	-50 to +120 °C	±0.5 °C (-50 to +120 °C)	20 s t_{90}	0628 0007

testostor 171-4 — Accessories / Technical data

Accessories	Part no.
Transport and Protection	
Transport case (plastic) for dataloggers (max. 5 off) and accessories, For safe transport	0516 0117
Holder with lock for datalogger, Theft-proof	0554 1782
Lock for attached display, Suitable for holder 0554 1782	0554 1789
Additional accessories and spare parts	
Display can be attached to datalogger, For quick checks on site	0554 0176
Display with print option, can be attached to datalogger, For quick checks on site	0554 0175
Optical alarm display for datalogger, battery-operated, Warns if limits have been exceeded	0628 0025
Spare battery for testostor 171, Quick and easy battery replacement	0515 0018
Printer and accessories	
Testo printer with cordless IRDA and infrared interface, 1 roll of thermal paper and 4 round cell batteries, For printout of reading on site	0554 0547
Recharger for printer (with 4 standard rech. batteries), Rechargeable batteries are recharged externally	0554 0110
Spare thermal paper for printer (6 rolls)	0554 0569
Spare thermal paper for printer (6 rolls), Measurement data documentation legible for up to 10 years	0554 0568
Software and accessories	
ComSoft 3 - Professional with data management, Incl. database, analysis and graphics function, data analysis, trend curve (without interface)	0554 0830
ComSoft 3 - For requirements to CFR 21 Part 11, Incl. database, analysis and graphics function, data analysis, trend curve (without interface)	0554 0821
Interface, attachable to testostor 171 datalogger	0554 1781
Ethernet adapter, RS 232 - Ethernet incl. software driver, mains unit, Facilitates data communication in network	0554 1711
Palm OS® Kit for ComSoft 3*, Software and interface for Palm OS® for easy programming, analysis and saving of logger data. * Palm™ handheld computer and serial data cable are not included.	0554 0805
Calibration certificates	
ISO calibration cert./Temperature, Temperature datalogger; calibration points selectable from -196 to +1300°C	0520 0141
ISO calibration certificate/Temperature, Temp. datalogger; calibration points -8°C; 0°C; +40°C	0520 0171
DKD calibration certificate/Temperature, Datalogger, transmitter, probe without display; cal. points freely selectable from -196 to +1000°C	0520 0281

Recommended set

testostor 171-4, 4 x temperature measurement at different locations

- testostor 171-4, temperature data logger, 4 channels, with starting magnet, battery and calibration protocol (Part no. 0577 1714)
- 4 x Robust immersion/air probe, quick-action, 6m cable, IP68 probe tip (Part no. 0610 1720)
- ComSoft 3 - Professional with data management (Part no. 0554 0830)
- Interface, attachable to testostor 171 datalogger (Part no. 0554 1781)
- Transport case (plastic) for dataloggers (max. 5 off) and accessories (Part no. 0516 0117)

Technical data

Probe type	NTC (External)	Material/Housing	Aluminium, anodized
Meas. range	-50 to +120 °C	Protection class	IP65
Accuracy ±1 digit	±0.2 °C (-34.9 to +39.9 °C) ±0.4 °C (+40 to +120 °C) ±0.6 °C (-50 to -35 °C)	Memory	55000
		Weight	305 g
		Dimensions	131 x 68 x 26 mm
		Warranty	2 years
Resolution	0.1 °C	Measuring rate: 2 s to 24 h, selectable	
Oper. temp.	-35 to +70 °C	Battery life: Lithium battery up to 5 years	
Storage temp.	-40 to +85 °C	Software: menu-driven from Microsoft Windows 95 / NT 4 Service pack 4	
Battery type	Lithium battery		