

The long term — With external probes

testostor 171-1

You can place the testostor 171-1 datalogger beside the goods, for example, and attach the external probe to doors or refrigeration appliances located up to 12m away. Air moisture can also be monitored, if required.

- Logs up to 55000 readings
- Probe can be positioned quickly and easily
- Tamperproof measurement results
- Clear printout on location on the Testo printer
- On site application: Testo Software for Palm OS® replaces laptop/PC



testostor 171-1, external probe socket can be positioned at up to 12m away



Data analysis on your PC/Notebook with easy-to-use Windows® Software

Monitor several refrigerated storerooms using testostor 171-4

testostor 171-4

testostor 171-4 with up to 4 external temperature probe sockets is used for simultaneous temperature measurement at different locations.

testostor 171-1

Int.: °C + Ext.: °C or %RH/°C
 Temperature datalogger with °C/%RH probe socket, incl. magnetic start function, battery, calibration protocol
Part no. 0577 1715

testostor 171-4

4 x external °C
 Temperature datalogger, 4 channels, with magnetic start function, battery and calibration protocol
Part no. 0577 1714

Description	Illustration	Meas. range	Accuracy	Reaction time	Part no.
Robust immersion/air probe, quick-action, 6m cable, IP68 probe tip	40 mm Ø 3 mm	-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 Conn.: Fixed cable
Air probe, highly accurate, can be attached directly	30 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	-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 Conn.: Fixed cable
Frozen food probe, corkscrew design	110 mm Ø 8 mm	-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 Conn.: Plug-in cable
Humidity/temperature probe with standard plastic protection cap	180 mm Ø 12 mm	0 to +100 %RH -20 to +70 °C	±2 %RH (+2 to +98 %RH) ±0.4 °C (-10 to +50 °C) ±0.5 °C (remaining range)	12 s t ₉₀	0636 9717*

*Humidity/Temperature probes only for testostor 171-1

Common Technical Data	
Chann. external (var.)	
Probe type	NTC
Meas. range	-50 to +120 °C
Accuracy	±0.2 °C (-34.9 to +39.9 °C) ±1 digit ±0.4 °C (+40 to +120 °C) ±0.6 °C (-50 to -35 °C)
Resolution	0.1 °C
Oper. temp.	-35 to +70 °C
Storage temp.	-40 to +85 °C
Battery type	Lithium battery
Memory	55000
Dimensions	131 x 68 x 26 mm
Weight	305 g
Meas. rate:	2 s to 24 h, selectable
Battery life:	up to 5 years with lithium battery
Software:	menu-driven from Microsoft Windows 95 / NT 4 Service pack 4

testostor 171-1	
Chann. intern	
Probe type	NTC
Meas. range	-35 to +70 °C
Accuracy	±0.2 °C (-35 to +39.9 °C) ±1 digit ±0.4 °C (+40 to +70 °C)
Resolution	0.1 °C
Chann. external (var.)	
Probe type	Testo humid. sensor, cap.
Meas. range	0 to +100 %RH
Accuracy	±2 %RH (+2 to +98 %RH) ±1 digit
Resolution	0.1 %RH (0 to +100 %RH)

See opposite page for Accessories Ordering data

