

TESTO DATA LOGGERS

Data Loggers

The Testo 174 single channel mini temperature data logger set is ideal for accompanying transports. The logger is simply placed beside the product e.g. in aeroplanes, containers, refrigerated rooms etc. and constantly monitors the fluctuations in temperature unobtrusively.

Standard Features

- Memory for up to 3900 readings
- Fast data transfer - Data is read out from memory in 10 s.
- Measurement rate 1 min to 4 h freely selectable
- Data safe even when battery is spent
- Digital 1 line LCD display



Specifications

Memory	3900
Measure rate:	1 min to 4 h (selectable)
Storage temperature	-40 to +70 °C
Operating temperature	-30 to +70 °C
Battery type	3V Button cell (CR 2032)
Battery life	500 days
Protection class	IP65
Weight	24g

Probe type NTC

Measure range	-30 to +70 °C
Accuracy	±0.5 °C (-20 to +39.9 °C)
	±1 digit ±0.8 °C (remaining range)
Resolution	0.1 °C

Airefrig Part Number	Testo Model	Description	List Price Ex GST
05631743	174	Testo 174 Mini Temperature Data Logger Set includes ComSoft 3 Basic, wall holder, USB interface with PC connection cable and battery.	P.O.A.

The Testo 175-H1 2 channel data logger, with internal sensors monitors ambient humidity and temperature fluctuations efficiently and unobtrusively. Requires purchase of software to transfer data to PC.

Standard Features

- Humidity sensor guaranteed long-term stable
- Memory for up to 3700 readings
- Memory up to 3,700 measurement values
- Measurement rate 10 sec to 24 h freely selectable
- Data safe even when battery is spent
- Testo 175-H1 without display.
- Battery life more than 2.5 years
- Wall holder and calibration protocol

Optional Accessories (purchase separately)

- Requires purchase of software to transfer data to PC
- Data transfer to PC via USB & Software
- Data analysis with easy-to-use Windows® software
- Remote connection via GSM possible
- Fast documentation on Infrared printer, 6 lines/s

Specifications

Memory	3700
Storage temperature	-40 to +70 °C
Operating temperature	-10 to +50 °C
Battery type	Lithium battery
Weight	80g
Dimensions	82 x 52 x 30 mm
Material/Housing	ABS

Probe type NTC

Meas. range	-10 to +50 °C
Accuracy	±0.5 °C
Resolution	0.1 °C

Probe type humid. sensor, cap.

Meas. Range	0 to +100 %RH
Accuracy	±3 %RH
Resolution	0.1 %RH



Airefrig Part Number	Testo Model	Description	List Price Ex GST
05631757	175-H1	Data logger, 2 channel, 1 temp, 1 humidity, Internal Sensors	P.O.A.

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The **Testo 177-H1 4 channel data logger**, with internal sensors and an external temperature probe socket, wall holder and calibration protocol. Requires purchase of software to transfer data to PC.

Sensitive products require the right ambient conditions during production and storage. Efficient measurement and documentation of the readings over months/years is possible with the Testo 177-H1 professional data logger.

Standard Features

- Long-term stable humidity sensor with fast response time
- Memory for up to 48,000 readings
- Protective caps for dirt-ingressed air or corrosive gases
- Alarm message, notification when limits are exceeded
- Control and adjustment option with adjustment set
- 4 channels: Internal %RH, °C td + external °C
- 1 x internal %RH/°C/°Ctd +
- 1 x external °C

Probe type humid. sensor, cap.

Meas. Range 0 to +100 %RH
Resolution 0.1 %RH

Probe type NTC

Meas. range -20 to +70 °C
Resolution 0.1 °C

Probe type NTC (external)

Meas. Range -20 to +120 °C
Accuracy ±0.2 °C (-25 to +70 °C)
±0.4 °C (remaining range)
Resolution 0.1 °C

Optional Accessories (purchase separately)

- Requires purchase of software to transfer data to PC.
- Collect data on site, upload to PC and analyse
- Convenient documentation with infrared printer or PC
- Remote connection via GSM possible

Specifications

Memory 48,000
Storage temperature -40 to +120 °C
Operating temperature -20 to +70 °C
Battery type Lithium battery
Weight 130g
Dimensions 103 x 64 x 33 mm



Airefrig Part Number	Testo Model	Description	List Price Ex GST
05631775	177-H1	Data logger, 4 channel, 1 temp, 1 humidity, Internal Sensors	P.O.A.

Data Logger Accessories

Airefrig Part Number	Description	List Price Ex GST
05541766	Comsoft 3 Basic software (includes desktop holder, USB cable suit 175 Series data loggers)	P.O.A.
05541767	Comsoft 3 Basic software (includes desktop holder, USB cable suit 177 Series data loggers)	P.O.A.
06131712	NTC Air Probe 1200mm cable, range -50°C to +150°C	P.O.A.



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