Mobile printer for data loggers 0572 0576

Instruction manual

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1 Safety and the environment

> Dispose of faulty rechargeable batteries/spent batteries in accordance with the valid legal specifications.

> At the end of its useful life, send the product to the separate collection for electric and electronic devices (observe local regulations) or return the product to Testo for disposal.

2 Specifications

2.1. Use

The testo mobile printer for data loggers is used to produce report printouts, in conjunction with compatible devices:

- testo 175/176 (manufactured during or after 2011)
- testo 184 (manufactured during or after 2013)

2.2. Technical data

General data

Feature	Values
Model	Thermal printer with USB/NFC interface
Printing speed	30 mm/s
Operating temperature	0 to +50 °C / 32 to 122 °F
Storage temperature	-20 to +50 °C / -4 to 122 °F
Dimensions (LxWxH)	150 mm x 80 mm x 41 mm
Weight	approx. 400 g (including rechargeable battery pack, paper roll, mains unit)
EU Directive	2004/108/EC
Power supply	Lithium-Ion rechargeable battery pack, 2600 mAh, 3.7 V
Thermal paper roll	56.5 mm x 34 mm x 12 mm
Rechargeable battery storage temperature	±0 to 35 °C / 32 to 95 °F

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Feature	Values
Rechargeable battery charge time	approx. 5-6 h
Rechargeable battery life	> 6 h (20 °C / 68 °F ambient temperature)
Warranty	2 years (excl. printer mechanism, rechargeable battery pack)
Warranty terms	

Accessories/spare parts

Description	Item no.
Mains unit 5 V / 1.0 A	0554 1105
Micro USB cable	0449 0134
Spare thermal paper, 6 rolls	0554 0568

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3 Product description

3.1. Overview

1 Operating mode indicator
2 On/Off control key
3 Paper feed / print control key
4 Paper roll (printable side out)
5 Paper compartment cover
6 Magnetic holder (on back)

WARNING

Magnetic field

May be harmful to those with pacemakers.

> Keep a minimum distance of 15 cm between pacemaker and printer.

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CAUTION

Magnetic field

Damage to other devices!

> Keep a safe distance away from products that could be damaged by the effects of magnetism (e.g. monitors, computers or credit cards).

7 Contact surface for data logger

8 Micro USB connection for connecting to the mains unit or the PC.

3.2. Operating mode indicator

LED	Function
Steady green light	• Standby mode • Printing out print data
Flashing green light	• Receiving print data • Configuration mode
Steady red light	• Not ready for operation • Paper compartment cover open • No paper inserted.
Flashing red light	• Rechargeable battery low
Flashing red/green light	• Rechargeable battery is charging
Off	• Sleep mode, automatically activated 2 minutes after a button was last pressed • Sleep mode, activated after 5 minutes - if a connection to the logger is established and data has been read out. - if the logger is ready for printout, but the [ ] key is not pressed.

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3.3. Control key functions

Control keys	Functions
[⏻]	• Switch on printer: press key < 2 s • Switch off printer: press key > 2 s
[🖹]	• Short paper feed: press key < 1 s • Long paper feed: press key > 1 s • Start printout: press key < 1 s
[⏻] and [🖹]	• Start a test print (printer is switched off): press keys simultaneously

4 First steps

4.1. Charging the rechargeable battery

The rechargeable battery can only be charged at an ambient temperature of ±0 to +35 °C. If the rechargeable battery has been completely discharged, charging time at room temperature using the testo mains unit is approx. 6 h.

> Connect battery charger (0554 1105) to a mains socket and connect the printer.

> **i** If stored for a prolonged period of time, the battery should be charged every once in a while because otherwise this may result in damage due to deep discharge.

Charging in the measuring instrument

1. Plug the mains unit instrument plug into the instrument's micro USB socket.
2. Plug the mains plug of the mains unit into a mains socket.

- The charging process will start. The charging process will stop automatically when the battery is fully charged.

Battery care

> Do not fully exhaust rechargeable batteries.

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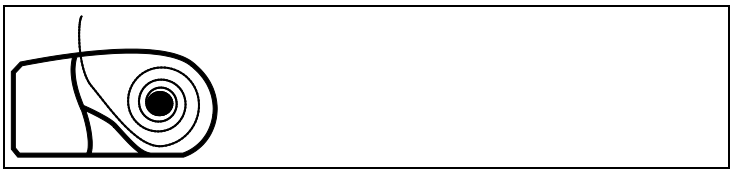
4.2. Inserting paper



1. Flip paper compartment cover up.
2. Insert paper roll, see illustration.
3. Close paper compartment cover.

4.3. Setting the language version

✓ Printer is switched off.

1. Press [⏻] and [🖶] > 2 s.

- Configuration mode is activated.
- Automatic printout of the available language versions.
- The language currently selected is indicated by an *.

2. Select language version: press [🖶] briefly.

- Each key press automatically generates a printout and the subsequent language is indicated by an *.

> Press [🖶] briefly, repeating this until the language you need is indicated by an * .

3. Save the language version and exit configuration mode: press [⏻] briefly.

4.4. Test print

✓ Printer is switched off.

> Press [⏻] and [🖶] simultaneously.

- Test print is started.

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4.5. Printing graphics (only testo 175 / testo 176)

You can set whether a printout should display graphics or not.

Activate graphics printout

1. Disconnect the USB connection between testo 175 / testo 176 and the printer.

✓ Printer is in standby mode.

2. Press [⏻] and [🖶] simultaneously.

- The print format is printed out. The print format currently selected is indicated by an *.

If necessary, the print format can be changed.

> Press [⏻] and [🖶] again simultaneously.

- The print format currently selected is printed out.

5 Using the product

5.1. Printing data, testo 175 and testo176

✓ Printer is switched on.

1. Connect the printer and testo175 / testo 176 via the micro USB cable.

- Printer detection is automatic and is indicated as a message.

2. Press [⏻] briefly.

- Data is read.
- The estimated read-out time is displayed.

> To ensure fault-free data transfer, the connection between the printer and the testo175 / testo 176 must not be interrupted.

3. Start printout.

   > Print a log of all recorded data:
   press [🖶] < 1 s

   or

   > Print a log of the data since the last time mark was set:
   press [🖶] > 2 s.

- Data is printed out (LED flashes green).

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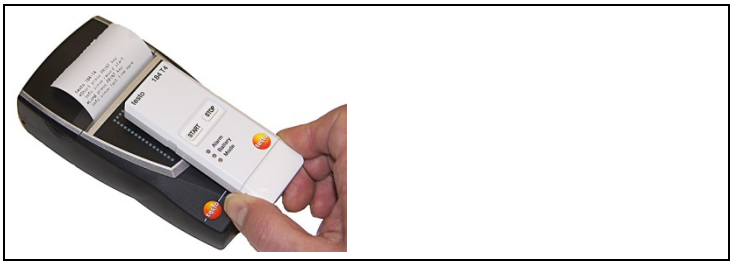
5.2. Printing data, testo 184

✓ Printer is switched on.



1. Move the testo 184 up to the indicated area (distance approx. 0 - 10 mm).

- The printer is detected automatically and the data is transferred.

2. Remove testo 184.
3. Start printout.
   > Print a log of all recorded data:
   press [ ] < 1 s

   or

   > Print a log of the data since the last time mark was set:
   press [ ] > 2 s.

- Data is printed out (LED flashes green).

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