

# Thermometers

## Mini Datalogger 174T



Compact, economical, single channel datalogger for temperature monitoring in various applications.

- ◆ Non-volatile memory, even when battery exhausted
- ◆ Internal NTC thermistor sensor
- ◆ Conforms to EN12830
- ◆ Large LCD readout with alarm and battery status indicators
- ◆ Data transfer via USB interface which also enables programming
- ◆ Push-button start
- ◆ IP65 protection class casing
- ◆ Battery powered, with easy replacement

Range x resolution	°C	-30.0 to +70.0 x 0.1
Accuracy	±°C	0.5
Maximum storage		16,000 readings
Measuring time cycle		Adjustable 1 minute to 24 hours
Overall, L x W x H	mm	59 x 37 x 16
Weight	g	25
Power supply		2 x CR2032 lithium battery giving approximately 500 days operation

As described. With wall holder, USB interface port, receiver and cable, and 2 x batteries. Requires Comsoft basic download/programming software (free, internet download).

- TJ847-20** Testo 174T set
- TJ847-24** Accessory Testo 174T logger only
- HY618-24** Accessory interface port receiver and cable
- BL590-15** Spare battery (2 required)



TJ847-20 in use

## Dataloggers, 175, 176



Long term, reliable temperature loggers with robust ABS casing offering either IP65 or IP68 protection, push-button start, SD card or USB data connection and flexible data handling options.

- Model 175 T1 Single channel, with internal NTC sensor and LCD readout
- Model 175 T2 Two channel, with internal NTC sensor, external NTC probe socket for use with accessory probes and LCD readout
- Model 176 T1 Single channel, expanded memory version, with internal sensor, but without display
- ◆ Internal interfaces for both USB or SD card data collection
- ◆ Measuring time cycle adjustable from 10 seconds to 24 hours (175 series) or 1 second to 24 hours (model 176)

Model		175 T1	175 T2	176 T1
Ranges	internal sensor	°C -35 to +55	-35 to +55	-35 to +70
	external sensor	°C —	-40 to +120	—
Resolution	°C	0.1 — both models		0.01
Memory	readings	1 million - both models		2 million
Protection rating		IP65 - both models		IP68
Overall, L x W x H	mm	53 x 27 x 89	53 x 27 x 89	63 x 33 x 103
Weight	g	150	150	260
Battery life (average)	years	>3	>3	>8

As described. Supplied with both USB and SD card data collection interfaces, wall holder, infra-red data transfer/control port, battery and calibration protocol. Requires, but is not supplied with, either an accessory USB cable or SD card for data transfer.

- TJ847-60** Testo 175 T1
- TJ847-65** Testo 175 T2
- TJ847-80** Testo 176 T1

### Accessories

#### Accessory probes for TJ847-65

With 1.5m lead. Dimensions are probe length x diameter.

- TJ802-14** Immersion, 110 x 4mm
- TJ802-17** Air, 110 x 4mm
- TJ802-20** Laboratory, glass sheathed, 200 x 6mm
- TJ847-87** USB cable for connecting 175 and 176 dataloggers to the user's PC

#### Comsoft 4 Professional software

With data handling, database, graphical and trend analysis functions for Windows™ OS.

- TJ847-98** Comsoft 4

SD cards - local purchase recommended



TJ847-60



TJ847-65



TJ847-80