

# IAQ data logger for long-term measurements

Data logger configurable via testo 400 universal IAQ instrument

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Stand-alone data logger for long-term measurements up to 2 weeks

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Compatible with probes for measuring comfort level, degree of turbulence, radiant heat, CO<sub>2</sub>, CO, illuminance, air flow velocity, humidity and temperature

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Connect up to six fixed cable probes at the same time

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Analysis and archiving of measurement data with testo DataControl PC software

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Practical tripod for mounting data logger and probes as an accessory

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Compatible with a comprehensive selection of cable probes.



The IAQ data logger is an autonomous measuring unit for long-term measurements with the testo 400. The universal IAQ instrument is used for programming measuring interval and time. During the measurement, the IAQ data logger works independently from the measuring instrument. In the meantime, the testo 400 can be used for measurements elsewhere. Once the IAQ measurement is completed, you can read out, analyze and document all the saved values with the testo 400.

Main applications of the IAQ data logger in combination with the appropriate probes:

- PMV/PPD measurement in accordance with EN ISO 7730 / ASHRAE 55
- Local discomfort level measurement in accordance with EN ISO 7730 / ASHRAE 55, e.g. draught rate and degree of turbulence at up to three positions at the same time
- NET measurement in accordance with DIN 33403

A practical tripod is available as an accessory for mounting logger and probes.

## Ordering data

### IAQ data logger

IAQ data logger for long-term measurements with the testo 400, including mains unit with USB cable and certificate of conformity.



Order no. 0577 0400

### Measuring tripod

Measuring tripod for comfort level measurement, consisting of folding stand, mounting rod, 4 x probe mounts, including bag.



Order no. 0554 1591

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## Technical data

#### Temperature NTC (with appropriate probe)

Measuring range	-40 to +150 °C
Accuracy (±1 digit)	±0.2 °C (-25.0 to +74.9 °C) ±0.4 °C (-40.0 to -25.1 °C) ±0.4 °C (+75.0 to +99.9 °C) ±0.5 % of m.v. (remaining meas. range)
Resolution	0.1 °C

#### Temperature TC type K (with appropriate probe)

Measuring range	-200 to +1370 °C
Accuracy (±1 digit)	±(0.3 °C + 0.1 % of m.v.)
Resolution	0.1 °C

#### General technical data

Probe connections	4x TUC*, 2x TC type K
Interface	USB
Operating temperature	-5 to +45 °C
Storage temperature	-20 to +60 °C
Power supply	External power supply via mains unit
Memory	1.5 MB = 360,000 readings
Protection class	IP 20
Dimensions	136 x 89 x 39 mm
Weight	162 g

\*TUC connection (Testo Universal Connector): For the connection of fixed cable digital probes and NTC probes.

You will find the complete selection of probes and accessories for the testo 400 in the testo 400 data sheet or at [www.testo.com](http://www.testo.com).

Subject to change without notice.



Hassellunden 11A, 2765 Smørum  
Tel. 45 95 04 10  
info@buhl-bonsoe.dk  
www.buhl-bonsoe.dk