

Thermal anemometers for measuring airflow velocity

SwemaAir 40 / AirflowTA 7

BlowerDoor SwemaAir 40

The robust thermal anemometer for reliable leakage tracking on the building site!



The SwemaAir 40 allows you to measure and locate even small airflows at negative pressure during the BlowerDoor test.

Use the handy SwemaAir 40 to locate leakage in the building envelope at depressurisation during the BlowerDoor test. Sweep all connections, joints, and penetrations with the telescopic probe of the SwemaAir 40. Thanks to its increased sampling rate of 4/sec to be better able to track leakage, the temperature and air speed meter SwemaAir 40 will immediately show you even the slightest air flows. The shortened tipp of the telescopic probe enables you to locate leaks easily, even in the corners of a room. The display shows the result of the measurement in m/sec. There are two measuring ranges available for the exact measurement of the airflow velocity.

The straight probe can be extended up to 66 cm. It can be attached to the SwemaAir 40 as desired, so that the device can be operated with one hand only. The sturdy casing of anodised aluminium with rubber-coated front ends is particularly impact-resistant and is gentle on sensitive materials.

BlowerDoor SwemaAir 40 – Temperature and air velocity meter in one device!

BlowerDoor AirflowTA 7

**A top-grade thermal anemometer:
The AirflowTA 7 – exclusively at BlowerDoor GmbH!**

The thermo-anemometer TA 7 has been developed specifically for locating leakage and during a BlowerDoor test of a building envelope reliably measures even the slightest airflows. At negative pressure, these airflows infiltrate the interior of the building through connections, penetrations and joints that are not airtight. The offsetable telescopic probe with its sensitive sensor allows you to carry out measurements even at hard-to-reach building components. During use it can be extended to a total length of 105 cm. On the display of the TA 7, airflows are visualised by an analog LCD-bar. This makes it easier to observe the trends and ranges of the fluctuations. In addition, the measuring result is displayed in easily readable digital numbers in m/sec. The TA 7 offers a choice of three measuring ranges for the reliable and exact acquisition of the air velocities. The equipment comes in a robust transport and storage case.



The AirflowTA 7 with its flexible telescopic probe makes measuring comfortable even at hard-to-reach spots!



Technical Data SwemaAir 40

Thermal hot-wire anemometer with digital display and telescopic probe. Measures airflow velocity and temperature.

Measuring ranges/accuracy:

0.1 to 2 m/s

Accuracy ± 0.05 m/s

2 to 30 m/s

Accuracy $\pm 5\%$ of measured value

(Indications for $+10$ °C to $+40$ °C)

Temperature measurement:

-20 °C to $+80$ °C (± 1 °C), Resolution 0.1 °C

Sampling rate:

4 samples/sec.

Telescopic shaft:

Extendable to 660 mm

Weight including batteries:

approx. 550 g

Dimensions (H x W x D):

170 x 95 x 35 mm

Power supply:

2 x 1.5 V Mignon cells (AA)



Technical Data AirflowTA 7

Thermal hot-wire anemometer with digital and analogue display and flexible telescopic probe. Measures airflow velocity and temperature.

Measuring ranges/accuracy:

0 to 2 m/s

0 to 15 m/s

0 to 30 m/s

Accuracy 0.8% of the measured value or 0.024 m/s (whichever is greater)

Temperature measurement:

0 °C to $+80$ °C ($\pm 2\%$ of the final value)

Sampling rate:

4 samples/sec.

Telescopic shaft:

Extendable to 1050 mm, flexible telescopic probe

Weight including batteries:

approx. 550 g

Dimensions (H x W x D):

185 x 92 x 30 mm

Power supply:

4 x 1.5 V Mignon cells (AA) or NC battery