Hot ball probe

Application information

Application

Measurement program available as of firmware version 1.05.

The hot ball probe 0635 1050 is ideal in conjunction with the testo 480 for flow and temperature measurements irrespective of direction.

Overview

1 Flow probe
2 Telescope

Technical data

Feature	Values
Measuring range	0 to 10.00 m/s -20 to +70°C
Accuracy (at 22°C) ± 1 digit Confidence interval 95%	±(0.03 m/s, ± 5% of meas. val.) ±0.5°C **i** At lower flow velocities, higher measurement inaccuracies can occur in temperature and humidity measurement!
Adjustment conditions	Adjustment in free jet Ø 350 mm, reference pressure 1013 hPa, based on testo reference Laser Doppler Anemometer (LDA)

i The digital probe allows measuring values to be processed directly in the probe. This technology eliminates instrument measurement uncertainty.

For calibration, the probe alone (without the hand instrument) can be sent away.

Calculating the determined calibration data in the probe generates a zero-error display.

Preparing for measurement

1. Pull the telescope out to the required length. The first telescopic segment must be fully extended.
2. Remove the protective cap from the probe head.

Measuring flows

> Hold the hot ball probe in the flow.

After the measurement

> Push the telescope back, starting with the telescope segments closest to the handle.

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