

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [Testo](#) /
- › [Testo 410i Vane Anemometer Smart and Wireless Probe User Manual](#)

**Testo 0560 1410**

# Testo 410i Vane Anemometer Smart and Wireless Probe User Manual

Brand: Testo | Model: 0560 1410

## PRODUCT OVERVIEW

The Testo 410i is a smart and wireless vane anemometer designed for measuring air velocity, volume flow, and temperature. It connects wirelessly to your smart device via the Testo SMART probes app, allowing for convenient reading, configuration, and documentation of measurements. This instrument is particularly useful for balancing multi-outlet ventilation systems and performing timed multipoint averaging traverses.



Image: The Testo 410i Vane Anemometer, featuring its black and orange casing. The top part displays the vane impeller, which rotates to measure airflow. A green indicator light is visible above the orange power button. The device's model number, "testo 410i", is printed on the front. Beside the main unit, its black protective cap is shown, designed to cover the impeller when not in use.

## Key Features:

- Measures air velocity, volume flow, and temperature.
- Automatically calculates volume flow after entering duct dimensions.
- No air density correction required due to design.
- Enables simultaneous volume flow measurement at multiple outlets using several smart probes for system balancing.
- Supports timed/multipoint averaging for accurate air flow profiles.
- Wireless connectivity to smart devices (Android and Apple) via Testo SMART probes app.

## SETUP AND INITIAL USE

---

### 1. Battery Installation

The Testo 410i requires 3 AAA batteries for operation. These are typically included with the device. To install or replace batteries, locate the battery compartment, usually on the back or bottom of the device. Follow the polarity indicators (+/-) inside the compartment to ensure correct insertion. Securely close the compartment cover after installation.

### 2. App Installation

The Testo 410i operates in conjunction with the Testo SMART probes app. This app is available for both Android and Apple operating systems. Download the "Testo SMART probes" app from your device's respective app store (Google Play Store for Android, Apple App Store for iOS).

### 3. Connecting to Your Smart Device

1. Ensure Bluetooth is enabled on your smart device.
2. Turn on the Testo 410i by pressing its power button. A green indicator light should illuminate.
3. Open the Testo SMART probes app on your smart device.
4. The app will automatically search for available Testo Smart Probes. Select the Testo 410i from the list of discovered devices to establish a connection.
5. Once connected, the app will display real-time measurement data from the probe.

## OPERATING INSTRUCTIONS

---

### Measuring Air Velocity and Temperature

With the Testo 410i connected to your smart device, position the vane impeller directly in the airflow you wish to measure. Ensure the airflow passes through the vane unimpeded. The app will display the air velocity and temperature readings in real-time. For stable readings, hold the probe steady in the airflow.

### Measuring Volume Flow

To measure volume flow, you will need to input the dimensions of the duct or vent into the Testo SMART probes app. The app will then automatically calculate the volume flow based on the measured air velocity and the provided dimensions. This feature simplifies the process of determining airflow rates in ventilation systems.

### Timed and Multipoint Averaging

The app allows for advanced measurement functions such as timed averaging and multipoint averaging. These functions are crucial for obtaining accurate and representative air flow profiles, especially in ducts or large areas

where airflow may vary. Consult the app's interface for specific instructions on configuring and executing these measurement modes.

## Balancing Multi-Outlet Systems

For balancing ventilation systems with multiple outlets, you can use several Testo Smart Probes simultaneously. The Testo SMART probes app can remotely read measurements from up to six (6) smart probes, allowing for efficient comparison and adjustment of volume flow across different outlets. This capability streamlines the balancing process and helps ensure optimal system performance.

## MAINTENANCE

---

### Cleaning the Device

To ensure the longevity and accuracy of your Testo 410i, keep it clean. Wipe the exterior of the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no moisture enters the internal components, especially the vane impeller mechanism. The vane should be kept free of dust and debris to ensure accurate readings.

### Battery Replacement

When the battery indicator in the app or on the device shows low power, replace the 3 AAA batteries. Always use fresh, high-quality batteries. Refer to the "Battery Installation" section under Setup for detailed steps.

### Storage

When not in use, store the Testo 410i in its protective cap to shield the vane impeller from damage. Store the device in a dry place, away from extreme temperatures and direct sunlight.

## TROUBLESHOOTING

---

### Connectivity Issues

- **Device not found by app:** Ensure the Testo 410i is powered on and within Bluetooth range of your smart device. Check that Bluetooth is enabled on your smart device.
- **Frequent disconnections:** Move closer to the Testo 410i to reduce interference. Ensure there are no large metallic objects or other strong wireless signals between the probe and your smart device. Close and reopen the Testo SMART probes app, or restart both the probe and your smart device.
- **App not displaying data:** Verify that the probe is correctly connected within the app. Check the battery level of the probe.

### Inaccurate Readings

- **Vane not spinning freely:** Inspect the vane impeller for any obstructions, dust, or debris. Gently clean if necessary.
- **Incorrect volume flow:** Double-check the duct dimensions entered into the app. Ensure the probe is positioned correctly in the airflow.
- **Unstable readings:** Ensure the probe is held steady and not subject to turbulent airflow or vibrations.

If problems persist, refer to the official Testo support resources or contact Testo customer service.

## SPECIFICATIONS

---

Attribute	Value
Model Number	0560 1410
Product Dimensions (L x W x H)	6.06 x 1.69 x 0.83 inches
Item Weight	0.23 Kilograms (8.15 ounces)
Batteries	3 AAA batteries (included)
Manufacturer	Testo, Inc.
Date First Available	February 22, 2016
Screen Size (App Interface)	6.1 Inches (referring to typical smartphone screen size for app display)
Global Trade Identification Number	04029547014277

## WHAT'S IN THE BOX





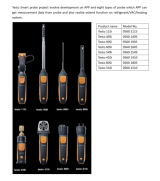
- Testo 410i - Vane Anemometer Smart Probe
- 3 AAA batteries (pre-installed or separate)
- Protective cap

## WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your Testo 410i or visit the official Testo website. Testo, Inc. is the manufacturer of this product.

A comprehensive user manual in PDF format is available for download:[Download User Manual \(PDF\)](#).

For technical support, service, or inquiries, please contact Testo customer service through their official channels. Contact information can typically be found on the manufacturer's website or in the product packaging.

 <p>15858.010.7604 <a href="http://www.testo.com">www.testo.com</a> <a href="mailto:sales@testo.com">sales@testo.com</a></p>	<p><a href="#">Testo 417 Digital Vane Anemometer Instruction Manual</a></p> <p>Comprehensive instruction manual for the Testo 417 Digital Vane Anemometer, covering setup, operation, measurements, maintenance, and troubleshooting.</p>
 <p>Testo Smart Probes</p>	<p><a href="#">Testo Smart Probes User Manual and Technical Data</a></p> <p>Comprehensive guide to Testo Smart Probes, detailing setup, app usage, measurement applications, troubleshooting, and technical specifications for models like testo 115i, 405i, 510i, and more.</p>
 <p>Testo 425 Digital hot wire anemometer 425-0025</p> <p>With calibration manual</p>	<p><a href="#">Testo 425 Digital Hot Wire Anemometer Instruction Manual</a></p> <p>Instruction manual for the Testo 425 digital hot wire anemometer, covering setup, operation, features, technical specifications, and troubleshooting.</p>
 <p>Manómetro de presión diferencial 521 - Manómetro de gran precisión para gases y líquidos</p>	<p><a href="#">Testo 521 Differential Pressure Manometer - High Precision Measurements</a></p> <p>Explore the Testo 521 series of differential pressure manometers, offering high precision measurements for various applications including HVAC, cleanrooms, and ventilation systems. Learn about models 521-1, 521-2, and 521-3, their technical specifications, and available accessories.</p>
 <p>Testo Smart Probes</p>	<p><a href="#">Testo Smart Probes User Manual: Features, Specifications, and Operation</a></p> <p>Comprehensive user manual for Testo Smart Probes, detailing features, technical specifications, safety guidelines, and operation principles for models like testo 405i, 410i, 510i, 549i, 605i, 115i, 905i, and 805i. Includes product overview, technical data, and approval information.</p>



## [Testo 512-1 and Testo 512-2 Digital Differential Pressure Measuring Instruments Instruction Manual](#)

This instruction manual provides comprehensive details for the Testo 512-1 and Testo 512-2 digital differential pressure measuring instruments, covering their intended use, operation, safety guidelines, and technical specifications for HVAC and maintenance applications.