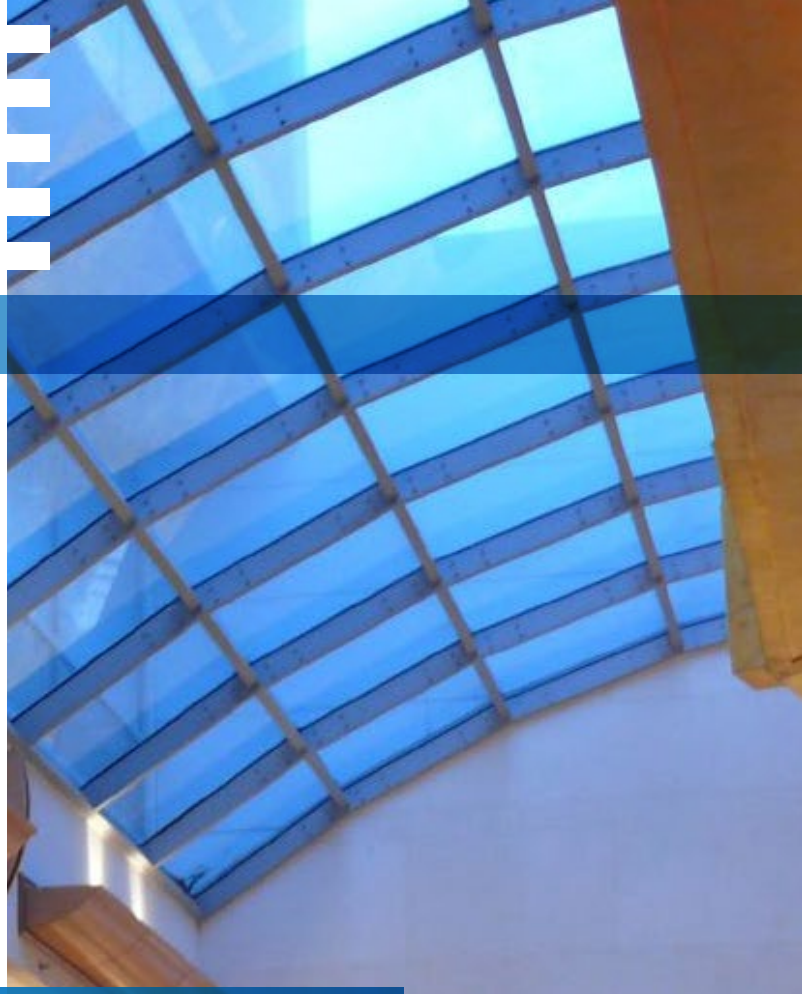
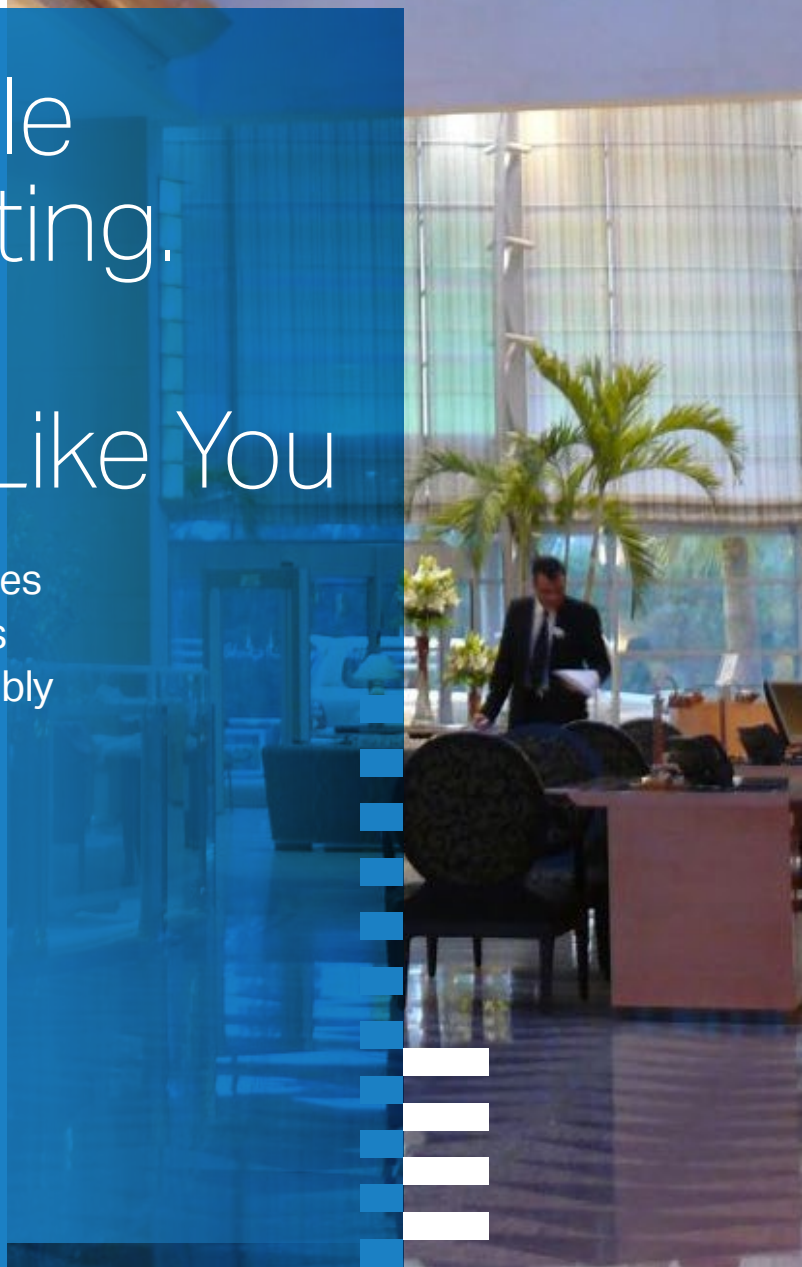
AIRFLOW™ INSTRUMENTS



Durable, Reliable Ventilation Testing. Made for Professionals Like You

The Airflow™ Instruments TA500 Series Velocity Meters use guided workflows programmed for professionals to reliably and repeatably simplify complex decision making.

Models TA500, TA530, TA550, TA550-NB



Highly Accurate HVAC Instrumentation for Professionals

Testing, Adjusting, and Balancing (TAB), Commissioning, and HVAC professionals need trustworthy, accurate instrumentation to get the measurements needed to keep buildings comfortable and safe.

Airflow™ Instruments supports the work of buidling professonals, whether you're designing a new building, laboratory or cleanroom concept—or performing routine system maintenance.

In 1955, from one man's expertise in the field of air flow measurement and fan design, Airflow Developments Limited was founded. Designed by air measurements experts, Airflow Instruments earned a reputation as being innovative, accurate, and reliable. Today, Airflow™ Instruments are manufactured to the stringent requirements of ISO9001.

In 2005, TSI Incorporated acquired the Instrument Division of Airflow Developments, combining over 90 years of expertise and innovation in air measurement. Through investment in research and development, we continually seek new ways of measuring air flow and other ventilation parameters.

Fast, Accurate and Reliable Ventilation Test Results

Experts in the field of air conditioning and ventilation are well-equipped when carrying Airflow™ Instruments Velocity Meters – and now, with the next generation of instruments, we help you deliver superior results. The new family of portable, handheld ventilation test instruments feature a menu-driven user interface for quick and easy operation. The high-resolution color screen displays multiple measurements simultaneously in real-time with on-screen prompts to guide you through instrument setup and operation. The durable, accurate, and multi-function dependable capabilities are a vast help for HVAC professionals.

Unmatched Precision
As a ventilation professional you need data you can trust. The new Airflow™ Instruments Velocity Meters are designed to accurately and reliably measure a wide variety of parameters important for monitoring and maintaining indoor environments.

Ready, Set, Test!
These multi-function meters were designed to make testing for ventilation and IAQ measurements easy and quick. The modern user interface with new instrument design, vivid color screen, and larger size buttons with enhanced position make it faster to navigate and use the meter, improving your efficiency at work. In addition, user programmable soft keys allow you to customize the instrument performance to meet your measurement needs by creating shortcuts to the functions you are most interested in with a single button press.

Dependable Convenience
The new Airflow™ Instruments TA500 Series Velocity Meters are easy to configure and set up for taking measurements, perform calculations, and review and generate data files. New process workflows for common jobs are built into the instrument enable you to quickly progress through the key measurement processes in a shorter time. Export logged data to create powerful, professional workflow project reports for your customers.

Rugged and Reliable
The improved durability will keep the meter functioning in the toughest environments. To counteract damage often caused by use in tough construction and industrial environments, the new meters have been designed with extra protection and durability to minimize downtime for you and your customers.

- Overmolding surrounding the instrument and display protects the device from accidental drops
- Includes wrist strap for additional drop protection
- Protected differential pressure ports (TA530, TA550)

Features and Benefits
- HVAC testing and balancing
- Clean room testing
- Biological safety cabinet and laboratory fume hood testing
- HVAC commissioning and troubleshooting
- IAQ investigations
- Thermal comfort studies
- Ventilation evaluations
- Process air flow testing

Ideal For
- Testing, Adjusting, and Balancing (TAB) Professionals
- Commissioning Professionals
- Certification Companies
- HVAC Professionals
- Facility Management Teams
- Health & Safety Professionals
- IAQ Consultants

Model Overview Guide

Parameter/Function	Model TA500	Model TA530	TA550
Features: ▪ Barometric pressure ▪ Thermocouple (1) ▪ Air density correction ▪ Flow calculation ▪ % Outside air calculation ▪ Supports plug & play probes (thermoanemometer, rotating vane, IAQ probes) ▪ Supports wired USB printer	▪	▪	▪
Differential pressure, K-factor flow Supports Pitot probe		▪	▪
Duct traverse workflows ▪ ASHRAE 111 log-Tchebycheff and Equal Area ▪ EN 16211 ▪ EN 12599			▪
Heat flow calculation (BTU/h, kW)			▪
Bluetooth printer			□

□ = Optional
Model TA550 - Bluetooth enabled
Model TA550-NB - No Bluetooth

Displayed workflows are dependent on instrument model and attached probe.

Learn More at tsi.com/airflow-ta

Airflow Instruments, TSI Instruments Ltd.
Visit our website at **www.tsi.com/Airflow-Instruments** for more information.

UK **Tel:** +44 149 4 459200 **Germany** **Tel:** +49 241 523030
France **Tel:** +33 1 41 19 21 99

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OBSERVATOR
instruments

We represent this supplier. For more information contact Observator Instruments:

T: +31 (0)180 463411
E: info@observator.com

Rietdekkerstraat 6
2984 BM Ridderkerk
The Netherlands

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