



® Knowledge  
Beyond  
Measure.

# Durable, Reliable Ventilation Testing. Made for Professionals Like You

The VelociCalc® 9600 Series Multi-Function Ventilation Meters use guided workflows programmed for professionals to reliably and repeatably simplify complex decision making.

Models 9600, 9630, 9650, 9650-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.

TSI® supports the work of building professionals, whether you're designing a new building, laboratory or cleanroom concept—or performing routine system maintenance, we help you meet and exceed expectations. For over 50 years, our engineers have created new ways to measure and control ventilation systems and indoor air quality (IAQ). At TSI®, we understand that every HVAC system is critical to health, safety, quality, and compliance. With our tools and instruments, you have the accurate, real-time data you need to help do your job and help grow your business. Since we introduced our first portable meter in 1973, TSI® has been a recognized leader in ventilation test instruments, providing precise measurements you can count on. With the high standards and accuracy you can expect from TSI, we put reliable data into the hands of professionals with our next generation of ventilation meters.





# Fast, Accurate and Reliable Ventilation Test Results

Experts in the field of air conditioning and ventilation are well-equipped when carrying VelociCalc® Multi-Function Ventilation 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 VelociCalc® Multi-Function Ventilation 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 VelociCalc® Multi-Function Ventilation 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 (9630, 9650)

## 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 9600	Model 9630	Model 9650 (Pro)
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 9650 - Bluetooth enabled  
 Model 9650-NB - No Bluetooth

Displayed workflows are dependent on instrument model and attached probe.

Learn More at [tsi.com/VelociCalc9600Series](http://tsi.com/VelociCalc9600Series)



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