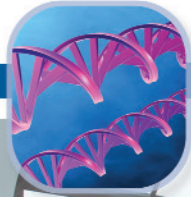
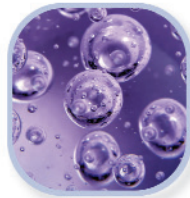
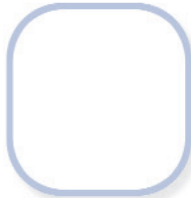


# The Leader in Performance Measurement Solutions



T S I I N C O R P O R A T E D

Corporate Overview



TRUST. SCIENCE. INNOVATION.

# Where Research Meets Reality



TSI Incorporated serves a global market by investigating, identifying and solving measurement problems. As an industry leader in the design and production of precision measurement instruments, TSI partners with research institutions and customers around the world to set the standard for measurements relating to aerosol science, air flow, indoor air quality, fluid dynamics and biohazard detection. With headquarters based in the U.S. and field offices throughout Europe and Asia, TSI has established a worldwide presence in the markets we serve. Every day, our dedicated employees turn research into reality.

TSI attributes its success to three key principles:

## Trust

Since 1961, customers have depended on TSI for our product quality and technical expertise. To build customer trust and meet critical requirements, our more than 400 employees generate research driven, value-added and field-tested solutions that simplify measurement processes without sacrificing precision, accuracy or reliability. Our pioneering customer satisfaction process, ReliaStat™, ensures that when it comes to critical measurement solutions you can “Rely on TSI.”

## Science

Developing more than 200 precision instruments is the byproduct of technology partnerships with scientists from leading research universities. This cooperation has resulted in more than 25 technology licenses spanning scientific to industrial manufacturing applications. From monitoring classroom air to measuring Martian wind velocity, TSI instruments contribute to the design and optimization of production procedures, verifying problem resolution or generating process improvement.

## Innovation

TSI has more than 50 patents in the field of particle and flow measurement. Innovation is not only reflected in our new technologies and products, but also in our highly trained and motivated staff of problem solvers. These field-testers, researchers, engineers and measurement scientists serve on and chair international product standards committees and immerse themselves in solving such pressing global issues as engine exhaust emissions, indoor air quality and homeland security. As we strive for excellence in innovation, your success and satisfaction remain our ultimate goal.

These core ideals and processes have guided the corporation since it was founded and define TSI's corporate culture as we anticipate our sixth decade of growth.





# Our Products

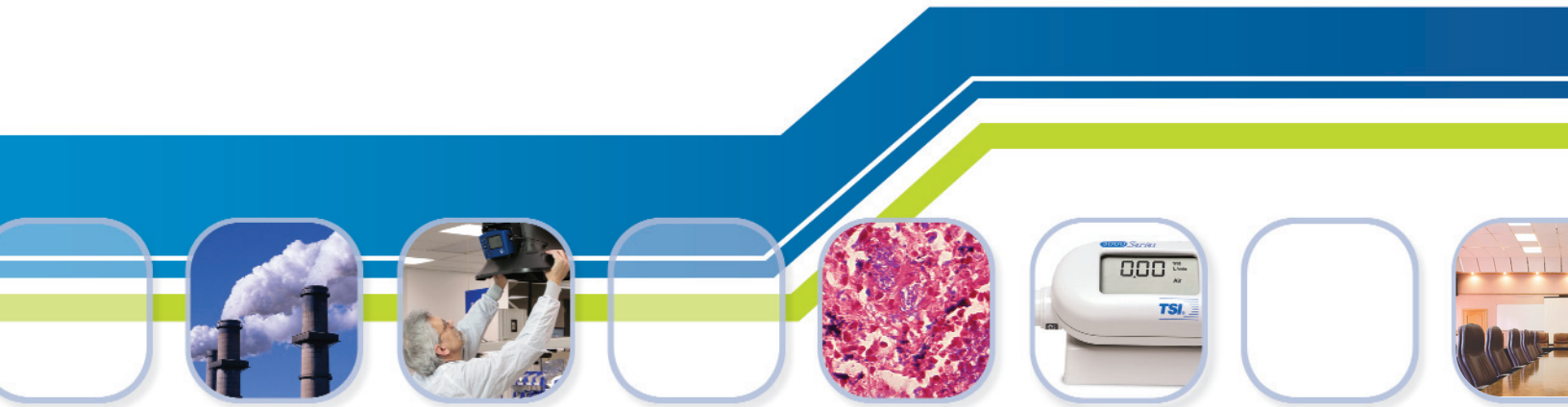
TSI instruments have made their mark throughout the world. Our unique product line includes over 200 precision instruments and related accessories, which can be classified into the following categories:



## Rely on TSI

At TSI we simplify our customers' lives by delivering the world's most precise, reliable and expertly engineered measurement solutions that are easy to use, durable and the best value for our customers' return on instrumentation. To learn how TSI can assist you with your measurement challenges, visit us at [www.tsi.com](http://www.tsi.com).

PARTICLE INSTRUMENTS	
Particle Research	Size, count, generate and disperse aerosol particles for applications in environmental monitoring, health effects research, combustion studies, vehicle emissions testing, air filter testing, drug delivery development, nanomaterial synthesis and much more.
Automated Filter Testing	Determine the most penetrating particle size of filter media and measure the efficiency of a wide range of filtration products for quality control purposes, including respirator filters.
HEALTH AND SAFETY	
Respirator Fit Testing	Perform quantitative respirator fit testing for commercial and military respirators.
Exposure Monitoring	Measure and monitor airborne dust and aerosol mass concentrations in industrial settings.
ENERGY AND COMFORT	
Ventilation Test Instruments	Measure important ventilation parameters to help enhance the comfort and safety of indoor environments, including air velocity, volume, temperature, humidity and differential pressure.
Indoor Air Quality	Assess parameters, such as temperature, humidity, outdoor air calculations, carbon dioxide, carbon monoxide and airborne particles, which are important in monitoring occupant thermal comfort and assuring healthy indoor environments.
Combustion Gas Analyzers	Maintain combustion systems, monitor compliance, perform engine research and monitoring, accumulate combustion research and sample industrial emissions with a full line ranging from single gas monitors to full-featured emission analyzers.
CONTROLLED ENVIRONMENTS	
Contamination Control	Use airborne particle counters to test filters and certify clean rooms, including pharmaceutical clean rooms.
Critical Environments Monitors/Controllers	Manage room environments to ensure the safety and comfort of personnel working in laboratories, hospital isolation rooms, and specialized, potentially hazardous surroundings.
FLUID MECHANICS	
Fluid Mechanics	Precise point and global measurements of velocity, turbulence, and associated properties of fluid flows including combustion diagnostics and temperature. Example applications include measuring fuel sprays in order to reduce automobile pollutant emission, determining jet engine exhaust plumes for noise reduction, and characterizing flow around heart valves to increase reliability and durability.
FLOW INSTRUMENTS	
Mass Flowmeters	High performance thermal mass flowmeters designed for a variety of gas flows in the laboratory or on an OEM, ideal for medical applications including ventilators, anesthesia machines and oxygen concentrators.
Biomedical Test Instrumentation	Precision medical test instrumentation designed for a variety of devices including ventilators, oxygen concentrators and anesthesia delivery machines.
CHEMICAL ANALYSIS INSTRUMENTS	
Chemical Characterization	Examine molecular weight and concentration of materials in laboratory applications ranging from protein aggregate analysis to pharmaceutical studies to industrial polymer characterization.
CBRN DEFENSE	
CBRN Protection	Safeguard military and civilian personnel from chemical, biological, radiological or nuclear (CBRN) threats.



**TSI Incorporated** - 500 Cardigan Road, Shoreview, MN 55126 USA

<b>USA</b>	Tel: +1 800 874 2811	E-mail: info@tsi.com	<b>Website:</b> www.tsi.com
<b>UK</b>	Tel: +44 149 4 459200	E-mail: tsiuk@tsi.com	<b>Website:</b> www.tsiinc.co.uk
<b>France</b>	Tel: +33 491 11 87 64	E-mail: tsifrance@tsi.com	<b>Website:</b> www.tsiinc.fr
<b>Germany</b>	Tel: +49 241 523030	E-mail: tsigmbh@tsi.com	<b>Website:</b> www.tsiinc.de
<b>India</b>	Tel: +91 80 41132470	E-mail: tsi-india@tsi.com	
<b>China</b>	Tel: +86 10 8260 1595	E-mail: tsibeijing@tsi.com	
<b>Singapore</b>	Tel: +65 6595 6388	E-mail: tsi-singapore@tsi.com	



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Contact your local TSI Distributor or visit our website [www.tsi.com](http://www.tsi.com) for more detailed specifications.