eXPand Your Indoor Air Quality Investigations

WITH THE Q-TRAK™ XP INDOOR AIR QUALITY MONITOR MODEL 7585

Learn more at
www.tsi.com/Q-TrakXP

THE CONCERN WITH INDOOR AIR QUALITY

On average, studies find that most people spend more than 90% of their day indoors. Whether it is inside a school, office building, manufacturing plant, healthcare facility or a shopping center, indoor air quality is important for every occupant. Poor indoor air quality (IAQ) can negatively impact a person's physical health, job performance, productivity and learning ability. Indoor air quality can be adversely affected by temperature, humidity, a range of common and toxic gases, particulates and aerosolized chemicals.

Common sources of indoor air pollution include:

+ Building materials and furnishings
+ HVAC systems
+ Cleaning chemicals
+ Loading docks
+ Personal hygiene products
+ Outdoor pollution sources
+ Manufacturing processes

AN IAQ MONITOR TO MEET TODAY'S NEEDS

Indoor pollution sources that release gases or particles into the air are the primary cause of indoor air quality problems. With more and more focus on air quality in the current state of our world, there is a heightened awareness of PM2.5 regarding the potential impacts on human health. These small particles are respirable and can potentially penetrate deep within the lungs. IAQ professionals must now be able to capture data from a wide range of parameters, including measurements for gas and particle mass concentration, to track and identify sources of concern.

TSI's Q-Trak™ XP Indoor Air Quality Monitor Model 7585 allows you to monitor particles, gases and other IAQ parameters with a single instrument, eliminating the need to purchase and maintain additional instruments. This flexible, multi-parameter IAQ instrument can be configured, customized and expanded so you can investigate many indoor air quality monitoring challenges.

PARTICLE, GAS AND IAQ PARAMETERS IN ONE INSTRUMENT

TSI's best-in-class IAQ instrumentation just got better. The Q-Trak™ XP Indoor Air Quality Monitor measures and logs standard IAQ parameters as well as particulate matter and gases- simultaneously, in a single instrument eliminating the need for multiple instruments. Efficiently perform comprehensive surveys and investigations using our lightweight, handheld instrument which is so easy to use and configure that you can do it on the spot in the field.

Ideal for:

+ IAQ surveys and investigations
+ Proactive IAQ monitoring (especially schools and office buildings)
+ Indoor air quality compliance testing to local or regional standards and guidelines (i.e., LEED, USGBC, WELL)
+ Evaluating thermal comfort (temperature and relative humidity)

IAQ MEASUREMENT FLEXIBILITY PUTS YOU IN CONTROL

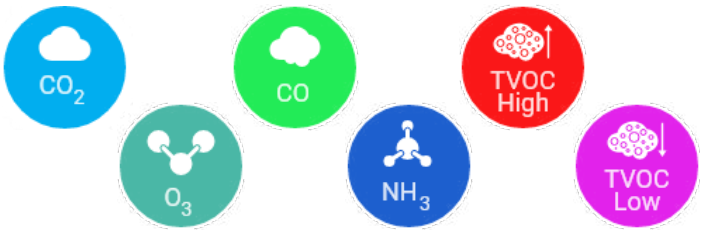
The Q-Trak™ XP IAQ Monitor goes beyond "mass plus gas" to give you the flexibility to configure a single instrument for many IAQ applications found in today's high-performance building environments. Additionally, utilizing TSI's unique mix-and-match gas sensors provides a way to easily expand your measurement capabilities.

Powerful measurements and calculations in a single instrument:

+ Up to 20 IAQ parameters simultaneously
+ Up to 6 different types of gases
+ PM2.5 and PM10 mass concentrations and particle counts
+ Temperature, relative humidity and barometric pressure
+ % outside air, dew point and wet bulb temperatures

CHOOSE FROM A VARIETY OF AVAILABLE GAS SENSORS:

+ Carbon Dioxide (CO_2)
+ Carbon Monoxide (CO)
+ $TVOC_L$ ppb
+ $TVOC_H$ ppm
+ Formaldehyde (CH_2O)
+ Ozone (O_3)
+ Chlorine (CL)
+ Ammonia (NH_3)
+ Hydrogen Sulfide (H_2S)
+ Nitrogen Oxide (NO)
+ Nitrogen Dioxide (NO_2)



CONFIGURE THE INSTRUMENT WITH THE SENSORS YOU NEED

The Q-Trak™ XP Indoor Air Quality Monitor is compatible with a variety of TSI gas sensors. Sensors can be switched out one-by-one, or the entire multi-sensor module can be switched out to a secondary sensor module configured for an alternate measurement application, saving you time.

+ Field replaceable sensors with calibration certificates, for easy configuration
+ Field calibration allows users to calibrate sensors prior to surveys
+ Mix-and-match sensors eliminate downtime and provide flexibility in the field

INTUITIVE NAVIGATION

Touch screen display makes configuring the Q-Trak XP Indoor Air Quality Monitor for your IAQ investigation a snap. Whether you are using the product for simple quick-checks in various parts of your building, investigating complaints over work shifts, or for 24-hour periods and longer term studies, the set-up is simple and intuitive.

Plug-and-play sensors are easy to change and calibrate.

WIRELESS CONNECTION TO YOUR PC

Some IAQ investigations require capturing data over long periods of time, or from multiple locations within a building. Wirelessly connect the Q-Trak XP Indoor Air Quality Monitor to your PC with optional Wi-Fi to remotely export data, saving time and improving efficiency.

DROP GRAPHS STRAIGHT INTO YOUR REPORTS

Expand the data logging capacity of your instrument with the TrakPro™ Ultra Data Analysis Software. This software, gives you the ability to move from data collection to report generation, efficiently and effectively.

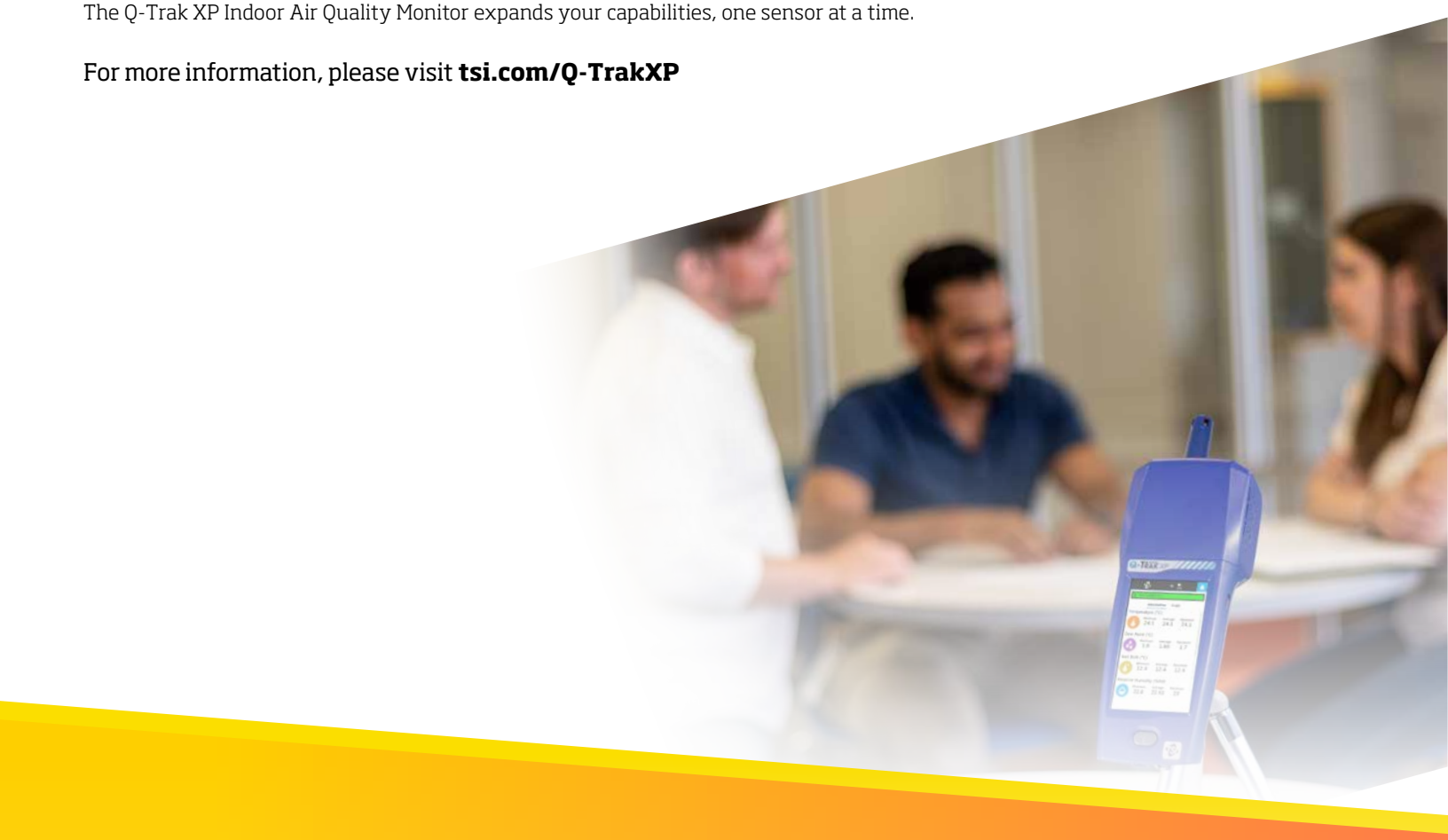
+ TrakPro™ Ultra software provides robust data, graphing and analysis for building detailed reports
+ Create graphs and data charts within the TrakPro™ Ultra software and easily drop into your reports

EXPAND YOUR IAQ CAPABILITIES

New technologies and advancements in building materials and furnishings have changed the dynamics for evaluating indoor air quality by increasing demand for more versatile investigative tools.

The Q-Trak XP Indoor Air Quality Monitor expands your capabilities, one sensor at a time.

For more information, please visit **tsi.com/Q-TrakXP**



UNDERSTANDING, ACCELERATED

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