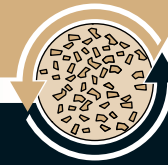
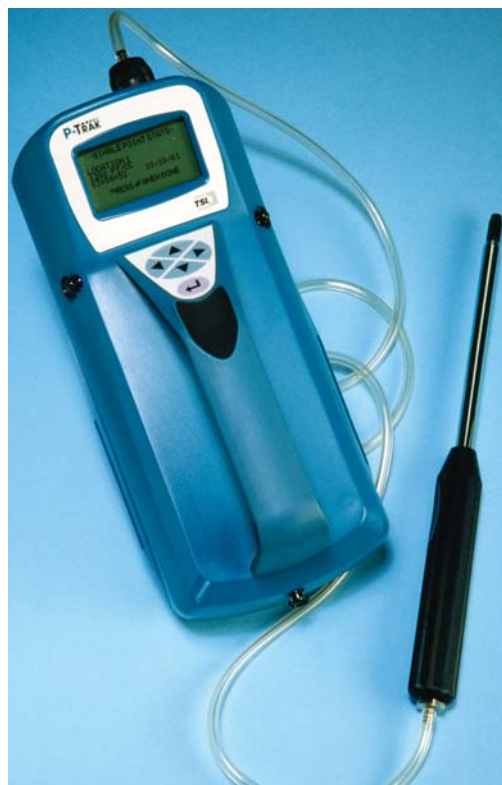


P-Trak Ultrafine Particle Counter

TSI



Prod # 1640



The **P-Trak Ultrafine Particle Counter** is an effective tool for tracking down the source of particulate emissions that cause indoor air quality (IAQ) problems or complaints. The P-Trak detects and counts ultra-fine particles that may be the root cause of IAQ complaints.

In addition to the Survey Mode to display real-time particle concentration readings (most common), the P-Trak can be operated in Sample Mode or Data Log Mode.

Features:

- Detects particles from 0.02 to greater than 1 micrometre
- Survey Mode for real-time readings in particles per cubic centimetre (pt/cc)
- Sample Mode for 10-second averages
- Data Log Mode for extended time periods and subsequent downloading
- Built-in pump
- Battery operated

Applications:

Industrial hygiene and indoor air quality investigations, to identify problem particulate sources such as:

- Boiler and furnace leaks
- HVAC duct and filter leaks
- Vehicle emissions
- Printing and copying machines
- Grinding, welding, soldering
- Battery charging

Specifications:

Concentration Range	:	0 to 5×10^5 particles/cm ³
Particle Size Range	:	0.02 to >1 micrometre
Flow Rate	Sample	: 100 cm ³ /min approx.
	Total	: 700 cm ³ /min approx.
Detection Principle	:	Particle/alcohol mixture exposed to focused laser beam, photo detector for particle counting
Alcohol Requirement	:	Type - 100% reagent grade isopropyl alcohol : 8 hr per charge @ 21°C
Power	:	6 AA alkaline batteries or AC adapter
Battery Life	:	6 hr @ 21°C
Operating Conditions	:	Temperature 0-38°C
Communication	:	RS232, baud rate 9600
Dimensions	:	27 cm x 14 cm x 14 cm (10.75" x 5.5" x 5.5")
Weight, with batteries	:	1.7 kg (3.8 lb.)

Accessories:

Standard

- AC adapter
- Telescoping sample probe
- Alcohol fill kit

Optional

- Download cable
- TrakPro software