Air Particle Counter HT-9600

Code: HT-9600 HSN: 90271000 GST: 18% Brand: AVAIN LABS









AVAIN LABS® Air Particle Counter HT-9600

The AVAIN LABS® Air Particle Counter – HT-9600 is a practical instrument designed for monitoring airborne particle concentration, PM levels, temperature, and relative humidity. With particle detection channels for 0.3 µm, 2.5 µm, and 10 µm, it is suitable for air quality monitoring, laboratory applications, clean environments, industrial areas, and general environmental testing.

The instrument features an optoelectronic sensor with laser diode light source, a flow rate of 1 L/min, and particle concentration measurement in Piece/L and µg/m³. Its compact design and data storage capability make it suitable for convenient field and laboratory use.

Key Features

- Three particle size channels: 0.3 µm, 2.5 µm and 10 µm
- Wide measuring range of 0–1000 µg/m³
- Optoelectronic sensor technology
- Laser diode light source
- Particle concentration units in Piece/L and µg/m³
- 1 L/min flow rate
- Typical precision of <20%
- Temperature and relative humidity measurement
- 999 data storage records
- Compact and portable design
- Suitable for air quality and particle monitoring applications

Applications

The AVAIN LABS® HT-9600 Air Particle Counter is suitable for:

- Air quality monitoring
- Indoor environmental testing
- Laboratory applications
- Cleanroom and controlled environment monitoring
- Industrial workplace monitoring
- HVAC and ventilation testing
- Air filtration and air purifier evaluation
- Educational and research applications
- Environmental monitoring
- General airborne particle measurement

Technical Specifications

Why Choose AVAIN LABS® HT-9600?

The AVAIN LABS® Air Particle Counter HT-9600 provides a convenient solution for monitoring airborne particles and environmental conditions. Its combination of particle counting, PM measurement, temperature and humidity monitoring, data storage, and portable operation makes it suitable for laboratories, industrial facilities, environmental monitoring, and air quality testing applications.

Choose AVAIN LABS® HT-9600 Air Particle Counter for reliable and convenient airborne particle monitoring.

Specifications	
Model	HT-9600
Product	Air Particle Counter
Test Particle Size	0.3 µm, 2.5 µm, 10.0 µm
Measuring Range	0–1000 µg/m³
Typical Precision	<20%
Temperature & RH Range	0 to 50°C; 0 to 100% RH
Temperature Precision	±1°C
Humidity Precision	±2% RH

Light Source	Laser Diode
Sensor	Optoelectronic Type
Concentration Units	Piece/L and µg/m³
Counting Efficiency	100 ± 10% (0.5 µm)
Flow Rate	1 L/min
Sampling Time	50 seconds
Data Storage	999 sets
Dimensions	242 × 85 × 40 mm
Power Source	1 × 9 V (6F22) battery

Available models (1)

Cat. No.	Model / Size	Test parti...	Measurin...	Typical P...	Temp. an...	Light Sou...	Sensor	HSN
HT-9600	0.3 µm-2.5 µm-10.0 µm, 0-1000 µg-m³, ±1°C-±2%, 0 to 50°C-0 to 100% RH, Laser Diode, Optoelectronic Type, Piece-L and µg-m³, 100±10% (0.5 µm), 1 l-min,	0.3 µm-2.5 µm-10.0 µm	0-1000 µg-m³	±1°C-±2%	0 to 50°C-0 to 100% RH	Laser Diode	Optoelectronic Type	90271000

Scan for details & enquiry