

## GT-526S Handheld Particle Counter

The GT-526S is a full-featured, battery-operated, portable particle counter that provides the functionality of a bench unit with the convenience of a hand-held.

### Key Features:

#### User Selectable Sizes

Six programmable particle sizes. Operator can set each size from 0.3 to 10 microns.

#### Count Alarm Limits

Two programmable count alarm limits. Alarms are indicated by an audible beep, displayed message and an alarm flag in the data file.

#### Data Storage

Store up to 12,000 sample events. Sample history events can be viewed, printed on the optional print-er and download to a computer using Comet software or simple ASCII terminal commands.

#### Battery Powered

24 hours of typical (intermittent) operation and 6 hours of continuous operation. Recharge time is only 2.5 hours.

#### Temperature / Relative Humidity Option

A plug-and-play option that immediately adds ambient temperature and relative humidity capabilities to displayed and logged data.



## Applications

- Controlled Environments
- Indoor Air Quality
- Process Control
- HVAC Applications
- Filter Testing
- Compliance Testing
- Emission Sourcing
- Remote Sampling

## Performance

Particle Size Range	0.3µm - 10µm, 6 channels
Calibrated Sizes User Size Settings	0.3 µm, 0.5µm, 1.0µm, 2.0µm 5.0µm and 10µm 0.1µm steps from 0.3µm - 2.0µm 0.5µm steps from 2.0µm - 10µm
Concentration Range	0 – 3,000,000 particles per cubic foot (105,900 particle/L)
Accuracy	± 10% to calibration aerosol
Flow Rate	0.1 cfm (2.83 lpm)
Data Storage	12,000 samples
Sample Time	Adjustable: 1 to 999 Seconds

## Electrical

Light Source	Laser Diode, 90mW, 780 nm
Battery	7.4V 2,200 mAh Li-ion battery pack. 10 hours continuous operation.
Battery Operation	Battery recharge time is 2.5 hours.
AC Adapter/Charger	Li-ion battery charger, 100 – 240 VAC, 50/60Hz
Communications	USB, RS-232 or RS-485
Certifications	Meets or exceeds CE, ISO 21501-4

## Interface

Display / Keyboard	16 character x 4 line LCD / 7 key membrane type
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## Physical

Height, Width, Depth	6.25" (15.9 cm), 4.00" (10.2 cm), 2.12" (5.4 cm)
Weight	2.00 lbs (0.91 kg)

## Environmental

Operating Temperature	0° C to +50° C °
Storage Temperature	- 20° C to +60° C

*Specifications are subject to change at any time.*

## SUPPLIED ACCESSORIES

Operation Manual  
USB Cable  
Comet Software  
AC Adapter / Battery Charger  
Iso-kinetic Sample Probe  
Carrying Case  
Zero Particulate Filter  
Calibration Certificate

## OPTIONAL ACCESSORIES

RH & Temperature Probe  
Flow Meter  
Serial Cable  
Portable Printer & Paper  
Particle View Software  
Wall/Tripod Mount  
ISO 2150-4 Cal