

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 printer 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