

GT-526 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.



Product specifications

PERFORMANCE

Parcle Size Range	0.3µm - 10µm, 6 channels
Calibrated Sizes User	0.3 µm, 0.5µm, 1.0µm, 2.0µm 5.0µm and 10µm
Size Sengs	0.1µm steps from 0.3µm - 2.0µm 0.5µm steps from 2.0µm - 10µm
Concentraon Range	0 – 3,000,000 parcles per cubic foot (105,900 particle/L)
Accuracy	± 10% to calibraon 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 mA AH Li-ion baery pack. 10 hours connuous operaon.
Battery Operation	Baery recharge me is 2.5 hours.
AC Adapter/Charger	Li-ion baery 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 ° -20
Storage Temperature	C to +60° C

*Specifications are
subject to change at any
time.*

Office Location

Kingfisher Business Park
London Road
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