GT-526S Handheld Particle Counter

Met One Instruments, Inc.

The Affordable Six Channel Solution

Handheld Operation

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 handheld.

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 8,000 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 on-ly 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	Filter Testing
Indoor Air Quality	Compliance Testing
Process Control	Emission Sourcing
HVAC Applications	Remote Sampling

**Whatever your particular needs,
The right choice is only natural.**

Performance

Particle Size Range	0.3µm - 10µm, 6 channels
Calibrated Sizes	0.3 µm, 0.5µm, 1.0µm, 2.0µm 5.0µm and 10µm
User Size Settings	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	8,000 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 Charge Time	Fully changed in 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	16 character x 4 line LCD
Keyboard	7 key membrane type

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	0º C to +50º C
Storage Temperature	-20º C to +60º C

Accessories

Supplied	Operation Manual	(PN GT-526S-9800)
	USB Cable	(PN 500787)
	Comet Software	(PN 80248)
	AC Adapter / Battery Charger	(PN 390031)
	Iso-kinetic Sample Probe	(PN G3110)
	Carrying Case	(PN 8517)
	Zero Particulate Filter	(PN G3111)
Optional	RH & Temperature Probe	(PN G3120)
	Flow Meter	(PN 9801)
	Serial Cable	(PN 3228)
	Portable Printer	(PN G3115) Paper (750509)
	Particle View Software	(PN Particle View)
	Wall/Tripod Mount	(8956-1)
	ISO 2150-4 Cal	(80849)