GT-324 Handheld Particle Counter

The Affordable Four Channel Solution

Met One Instruments, Inc.

Handheld Operation

The GT-324 is a full-featured, battery-operated, portable particle counter that provides the functionality of a bench unit with the convenience of a handheld.

Seven Selectable Sizes

Operator can choose 4 of the particle sizes of interest from 0.3, 0.5, 0.7, 1.0, 2.5, 5.0 and 10.0 microns.

Temperature / Relative Humidity Included

A fully integrated sensor that immediately adds ambient temperature and relative humidity capabilities to displayed and logged data.

Data Storage

Store over to 2,200 sample events. Sample history events can be viewed, and download to a computer using Comet or Particle View software or simple ASCII terminal commands.

Upgraded Software Package

The GT-324 is supplied with Particle View software. This data collection software has reports, alarms, charts, and conversions for improved data analysis.

Easy to Use, Convenient for Compliance

The user interface is simple with the multifunction rotary dial. Comply with 21 CFR Part 11 with a password feature to prevent unauthorized changes to the user settings. ISO 21501-4 compliant capable.

Applications

Controlled Environments	Filter Testing
Indoor Air Quality	Compliance Testing
Process Control	Emission Sourcing
HVAC Applications	QA Programs

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

Performance

Particle Size Range	Four Channels: >0.3, >0.5, >0.7, >1.0, >2.5, >5.0 and >10.0 µm (selectable)
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	2,200 samples
Sample Time	Adjustable: 3 to 60 seconds

Electrical

Light Source	Laser Diode, 90mW, 780 nm
Battery	7.2V Li-ion self-contained battery pack. 11 hours continuous operation.
Battery Charge Time	Fully charged in 2.5 hours
AC Adapter/Charger	AC to DC module intelligent Lithium Ion charger, 100 – 240 VAC to 8.4 VDC @ 1500 mA typical. Charge time 2.5 hours typical.
Communications	USB
Certifications	Meets ISO 21501-4

Interface

Display	16 character x 2 line LCD
Keyboard	2 button membrane type with rotary dial knob

Physical

Height, Width, Depth	6.25" (15.9 cm), 3.65" (9.3 cm), 2.00" (5.1 cm)
Weight	1.6 lbs (0.73 kg)

Environmental

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

Accessories

Supplied	Operation Manual USB Cable Particle View Software AC Adapter / Battery Charger Iso-kinetic Sample Probe
Optional	Flow Meter Zero Particulate Filter Carrying Case ISO 21501-4 Cal (80849)

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Specifications subject to change without notice.

05/16/2018