DORGEAN
Beijing Dorgean Electronic Technology Co.,Ltd

Instrument Expert
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Met One Instruments

GT-324 Handheld Particle Counter

The **GT-324** is a full-featured, battery-operated, portable particle counter that provides the functionality of a benchtop unit with the convenience of a hand-held.

KEY FEATURES:

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 downloaded to a computer using Comet or Particle View software or simple ASCII terminal commands.
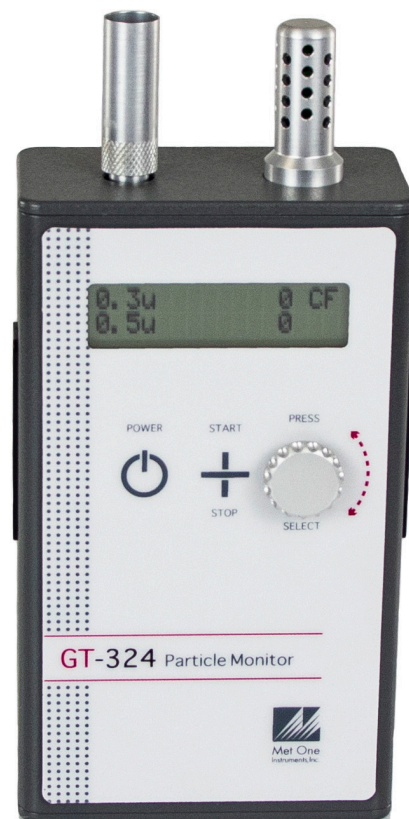
Upgraded Software Package
The GT-324 is supplied with Particle View software. This data collection software has reports, alarms, charts, and conversions for improved data analysis.

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
- INDOOR AIR QUALITY
- PROCESS CONTROL
- HVAC
- FILTER TESTING
- COMPLIANCE TESTING
- EMISSION SOURCING
- QA PROGRAMS

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GT-324 HANDHELD PARTICLE COUNTER

SPECIFICATIONS

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 Sample	2,200 samples
Time	Adjustable: 3 to 60 seconds

Electrical

Light Source Battery	Laser Diode, 90mW, 780 nm
Battery Charge Time	7.2V Li-ion self-contained battery pack. 8 hours continuous operation. 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	0° C to +50° C
Storage Temperature	-20° C to +60° C

SUPPLIED ACCESSORIES

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

OPTIONAL ACCESSORIES
Flow Meter
ISO 21501-4 Cal (80849)

Specifications are subject to change at any time.