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:

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

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Performance

Particle Size Range	Four Channels: >0.3, >0.5, >0.7, >1.0, >2.5, >5.0 and >10.0 µm (selectable)
Concentration	0 – 3,000,000 particles per cubic foot (105,900 particle/L)
Range Accuracy	± 10% to calibration aerosol
Flow Rate Data	0.1 cfm (2.83 lpm)
Storage Sample	2,200 samples
Time	Adjustable: 3 to 60 seconds

Electrical

Light Source	Laser Diode, 90mW, 780 nm
Battery Battery	7.2V Li-ion self-contained battery pack. 8 hours continuous operation.
Charge Time	Fully charged in 2.5 hours
AC	AC to DC module intelligent Lithium Ion charger, 100 – 240 VAC to 8.4 VDC @ 1500 m. typical. Charge time 2.5 hours typical.
Adapter/Charger	USB
Communications	Meets ISO 21501-4
Certifications	
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 / Comet
AC Adapter / Battery Charger
Zero Particulate Filter
Carrying Case
Isokinetic Sample Probe
Calibration Certificate

OPTIONAL ACCESSORIES

Swift 6.0 Air Flow Meter
ISO 21501-4 Cal (80849)

Specifications are subject to change at any time.

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