

## 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



**SPECIFICATIONS**

**Performance**

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

**Electrical**

<b>Light Source Battery</b>	Laser Diode, 90mW, 780 nm
<b>Battery Charge Time</b>	7.2V Li-ion self-contained battery pack. 8 hours continuous operation. Fully charged in 2.5 hours
<b>AC Adapter/Charger</b>	AC to DC module intelligent Lithium Ion charger, 100 – 240 VAC to 8.4 VDC @ 1500 mA typical. Charge time 2.5 hours typical.

<b>Communications</b>	USB
<b>Certifications</b>	Meets ISO 21501-4

**Interface**

<b>Display</b>	16 character x 2 line LCD
<b>Keyboard</b>	2 button membrane type with rotary dial knob

**Physical**

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

**Environmental**

<b>Operating Temperature</b>	0° C to +50° C
<b>Storage Temperature</b>	-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.*

