

# GT-324 Handheld Particle Counter

The Affordable Four Channel Solution



Met One Instruments, Inc.



YENSTRON®

益瀚儀器

## 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

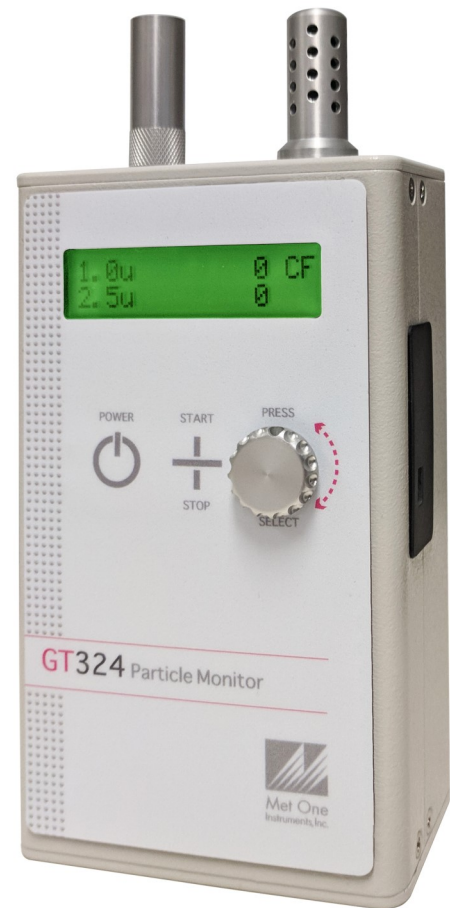
Store over to 2,200 sample events. Sample history events can be viewed, and download to a computer using Comet or Particle View software or simple ASCII terminal commands.

## 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  
Indoor Air Quality  
Process Control  
HVAC Applications

Filter Testing  
Compliance Testing  
Emission Sourcing  
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 $\mu\text{m}$ (selectable)
Concentration Range	0 – 3,000,000 particles per cubic foot (105,900 particle/L)
Accuracy	$\pm 10\%$ 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	0° C to +50° C
Storage Temperature	-20° C to +60° C

## Accessories

Supplied	Operation Manual USB Cable Particle View Software AC Adapter / Battery Charger Iso-kinetic Sample Probe
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Optional	Flow Meter Zero Particulate Filter Carrying Case
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Specifications subject to change without notice.

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