

DR-324

PARTICLE COUNTER

FEATURES:

- Large, Full-Color LCD Display
- Menu-Driven Multi-Function Rotary Scroll Wheel
- 10 User-Identifiable Alpha Numeric Location ID's
- Integrated RH & Temp Sensor



SAMPLING MODES:

- Count (CF, /L, or m³)
- Single or Continuous
- Selectable Time

BENCHTOP PERFORMANCE IN A HANDHELD PACKAGE

Meet the newest addition to the Met One Instruments, Inc. lineup of handheld particle counters: the DR-324. This particle counter is optimized in functionality and ease of use with a 2.8" TFT full-color LCD display, making accurate measurement readings and operation more effortless than ever. This full-featured particle counter is the perfect addition to any cleanroom or controlled environment monitoring application.

The DR-324 simultaneously measures and records four user-defined particle sizes, from 0.3 to 10.0. Measurements are rapidly computed and totaled in as little as 60 seconds, recorded using an advanced profile algorithm. The DR-324 contains a 4-channel particle counter with a calibrated range of 0.3 to 10 microns.

PERFORMANCE

- Particle Counter Sizes: 0.3-10 µm user selectable (default sizes = 0.3 µm, 0.5 µm, 5.0 µm, 10.0 µm)
- Concentration Range: 0-3,000,000 particles per cubic foot (105,900 particles/L)
- Particle Size Accuracy: ± 10% to calibration aerosol
- Flow Rate: 0.1 cfm (2.83 lpm)
- Sample Time: 30-9,999 seconds
- Hold Time: 0 to 9999 seconds
- Temp/RH probe: ±3°C/± 5% RH

ELECTRICAL

- Light Source: Laser Diode, 90mW, 780 nm
- Battery: 7.4V Li-ion battery pack
- Battery Life: 8 hours continuous operation
- Battery Charge Time: Fully charged in 2.5 hours
- AC Adapter/Charger: Li-ion battery charger, 100 - 240 VAC, 50/60Hz
- Communications: USB (WiFi, Ethernet, and RS-485 available on optional docking station)

INTERFACE

- Display: 2.8 inch TFT full-color LCD
- Keyboard: 2 button membrane keypad with rotary dial

PHYSICAL

- Height: 8.8" (22.35 cm)
- Width: 3.75" (9.53 cm)
- Depth: 2.25" (5.72 cm)
- Weight: 1.00 lb 13.5 oz (0.84 kg)

ENVIRONMENTAL

- Operating Temperature: 0° C to +50° C
- Storage Temperature: -20° C to +60° C

SUPPLIED ACCESSORIES

- User Manual
- Isokinetic Sample Inlet
- EVA Carrying Case
- USB Cable
- Zero Particulate Filter
- Calibration Certificate
- RH & Temperature Probe
- Rubber Boot
- Comet Software
- ParticleView Software
- AC Adapter/ Battery Charger

OPTIONAL ACCESSORIES

- Swift 6.0 Flow Meter
- Docking Station w/ WiFi, Ethernet & RS-485 connectivity (p/n 83529)
- Tripod / Wall Mount Bracket (8956-1)
- ISO 21501-4 Calibration (P/N 80849)



Specifications are subject to change at any time.



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