

PERFORMANCE

Particle Size Range	0.3 μm - 25 μm , 8 channels
Calibrated Sizes	0.3 μm , 0.5 μm , 0.7 μm , 1.0 μm , 2.0 μm , 3.0 μm , 5.0 μm , and 10 μm
User Size Setting	0.1 μm steps from 0.3 μm - 10 μm
Concentration Range	0 – 3,000,000 particles per cubic foot (105,900 particles/L)
Accuracy	$\pm 10\%$ to calibration aerosol
Flow Rate	0.1 cfm (2.83 lpm)
Sample Time	Adjustable: 30 to 9,999 seconds; factory default: 1 minute

Electrical

Light Source	Laser diode, 90 mW, 780 nm
Battery Pack	7.4 V 2,200 mAh Li-ion
AC Adapter/Charger	Li-ion battery charger, 100-240 VAC, 50/60Hz
Communications Battery Life	USB-C Serial; With Optional Docking Station, RS-485, WiFi, & Ethernet 8 hours continuous operation, recharge time 2.5 hours
Certifications	Meets or exceeds CE, ISO21501-4 (with ISO calibration)

Interface

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

Physical

Weight	1.0 lb, 13.5oz (0.84 kg)
Size	Height = 8.8" (22.35 cm) Width = 3.75" (9.53 cm) Thickness = 2.25" (5.72 cm) (without rubber boot)

Environmental

Operation Temperature	0° to +50°C
Relative Humidity Storage Temperature	< 95% (non-condensing) - 20° 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/ WiFi, Ethernet & RS-485 connectivity (p/n 83529)
- 8956-1 Tripod / Wall Mount Bracket
- ISO 21501-4 Calibration (P/N 80849)

Specifications are subject to change at any time.



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