

VERSACOUNT PORTABLE LASER PARTICLE COUNTER

Performance Specifications

8 Channels	Standard micron range: 2, 3, 5, 7, 10, 15, 20, and 25 Min: 2 Micron, Max 400 Micron. Other ranges available.
Flow Rate	60ml/min
Light Source	5mW Output Red Laser Diode
Calibration	Traceable PSL beads
Particle Resolution	Better than 8% at 10 Micron, better than 10% at 2-10 Micron
Signal to Noise Ratio	Better than 3:1 (example 45mV signal : 15 mV noise)
Concentration Limit	18,000 particles/ml
Sample Volume	User selectable
Data Storage	300 Sample Strings Stored in Memory
Status Indicators	Count Status, Data Mode, Memory Full, Channel Selection, Alarm, Sample Delay, Flow Status, Battery Status
Data Recorded	Address, Date, Time, Cumulative Counts, Sensor Pass/Fail, Flow Status, Count Time.
Local Display	½" High LED Particle Count Display, ¼" High LED Status Display: Total Particle Counts, Counts/ml, Micron Size, Sample ID, Alarm Setting, Date, Time, Sample Volume, Sample Delay, #Runs, Pump Diagnostics.
Alarms	Count Limit, Sensor Fail, Memory Loss, Flow High/Low
Count Modes	Cumulative: Counts/ml or Total Counts
Delay Time	Min 1 second, Max 100 min
Inlet/Outlet Fitting	¼" Stainless Steel Compression Nut
Interface	RS232 DB9 Female Plug
Enclosure	Plastic Table Top Enclosure
Dimensions	13" Wide x 5.5" High x 13" Deep
Weight	12 lbs
Environmental	Operating: 32F – 122F, 0C – 50C Storage: -40F – 150F, -40C – 65C 18 – 80 RH (Non-Condensing)
Power	Line Power to DC Conversion Input: 100-240VAC 50-60Hz Output: 18VDC Regulated, 1.11Amp
Optional Accessories	1.3 Micron Sensor, 1.0 Micron Sensor, Printer, Carrying Case
Pump	Internal Pumping System for Bottle Samples
Bar Code Wand	Bar Codes Located on Front Display for Quick Setting Changes
External Filter	Pump Protection Filter Located on Back of Unit for Easy Replacement when Necessary.