

									
Model	GT-321	GT-521S	GT-526S	AEROCET 531S	BT-610	BT-620	804	AEROCET 831	BT-645
Product	Particle Counter	Particle Counter	Particle Counter	Particle Counter / Dust Monitor	Particle Counter - BenchTop	Particle Counter - BenchTop	Particle Counter	Aerosol Mass Monitor	Portable Dust Monitor
Applications	<ul style="list-style-type: none"> - Airborne Contamination Monitoring & Testing - HVAC Applications - Process Control - Filter Testing - Cleanroom 	<ul style="list-style-type: none"> - Controlled Environments - IAQ - Process Controls - HVAC Applications - Filter Testing - Compliance Testing - Emission Sourcing - QA Programs 	<ul style="list-style-type: none"> - Controlled Environments - IAQ - Process Controls - HVAC Applications - Filter Testing - Compliance Testing - Emission Sourcing - QA Programs 	<ul style="list-style-type: none"> - Controlled Environments - IAQ - Process Control - HVAC Applications - Filter Testing - Hospital & Clinics - Emissions Sourcing - Environmental Surveys 	<ul style="list-style-type: none"> Cleanroom Monitoring Medical Device Mfg/Pkg Filter Testing Hospital Surgery Suites / Pharmacy Food/Beverage Paint Booths Aerospace Assy. Cosmetic Mfg/g / Pkg/g 	<ul style="list-style-type: none"> Cleanroom Monitoring Medical Device Mfg/Pkg Filter Testing Hospital Surgery Suites / Pharmacy Food/Beverage Aerospace Assy. Cosmetic Mfg/g / Pkg/g 	<ul style="list-style-type: none"> - Controlled Environments - IAQ - Process Control - HVAC Applications - Filter Testing - Hospital & Clinics - Laboratory Env. 	<ul style="list-style-type: none"> - Industrial / Occupational Hygiene - IAQ - Process Control - HVAC Applications - Filter Testing - Point Source Monitoring - Emissions Sourcing - Environmental Surveys 	<ul style="list-style-type: none"> Public / Workplace Monitoring IAQ Industrial / Occupational Hygiene
Features	<ul style="list-style-type: none"> - Most inexpensive counter on the Market - Simple Operation - Fast Sampling - Battery or AC Powered - Keypad Selectable Sizes 	<ul style="list-style-type: none"> 2 channels of monitoring user selectable Simple & Powerful Menu Driven functionality Adjustable Sample Time Differential or Cumulative Battery or AC Powered 	<ul style="list-style-type: none"> - All 6 Channels Counted and Recorded at One Time - Menu Driven Command Set for Out of the Box Operation - Bench Unit Performance in a Handheld - Affordable - User Size Selectable 	<ul style="list-style-type: none"> - 2-in-1 Performance - Particle Counting & Mass Monitoring Modes - Cost Competitive - Keypad Selectable Sizes 	<ul style="list-style-type: none"> Compact / Portable w/ built-in printer Volumetric Flow Control - improved accuracy Large Display - easily viewed from across room Improved Software 2-year Warranty 	<ul style="list-style-type: none"> Compact / Portable w/ built-in printer Volumetric Flow Control - improved accuracy Large Display - easily viewed from across room Improved Software 2-year Warranty 	<ul style="list-style-type: none"> - Fast Sampling - Simple Operation - Selectable Sizes with available favorites (2) sizes displayed. - Low Cost w/ Data Logging - Self Contained 	<ul style="list-style-type: none"> - Four Mass Ranges (PM1, PM2.5, PM4, PM10) - Handheld Operation - Sample History - Low Cost w/ Data Logging - Battery Powered 	<ul style="list-style-type: none"> Rugged Design Real Time' Monitoring Sample History Low Cost w/ Data Logging Purge Air System
Count Channels	1 (SELECTABLE)	2 (SELECTABLE)	6 (SELECTABLE)	8 (FIXED)	6 (SELECTABLE)	6 (SELECTABLE)	4 (SELECTABLE)	7 (FIXED)	TSP (Total Suspended Particulate)
Particle Sizes (µm)	0.3, 0.5, 0.7, 1.0, 2.0, 5.0 (SELECTABLE)	0.3 - 10.0	0.3 - 10.0	Count: 0.3, 0.5, 1, 5 & 10 Mass: PM1/ PM2.5/PM4 /PM7/PM10/TSP	0.3 - 10.0	0.3 - 10.0	0.3, 0.5, 0.7, 1.0, 2.5, 5.0, 10.0	Mass = PM1/ PM2.5/PM4/PM10	Mass Concentration
Flow Rate	0.1 cfm (2.83 lpm)	0.1 cfm (2.83 lpm)	0.1 cfm (2.83 lpm)	0.1 cfm (2.83 lpm)	0.1 cfm (2.83 lpm)	1.0 cfm (28.3 lpm)	0.1 cfm (2.83 lpm)	0.1 cfm (2.83 lpm)	2 lpm
Concentration Limit	3,000,000 / cf	3,000,000 / cf	3,000,000 / cf	Counter = 3,000,000 / cf Mass = 1mg/m3	3,000,000 / cf	6,000,000 / cf	3,000,000 / cf	3,000,000 / cf	0-100 mg/m3
Data Memory	None	8,000 records	8,000 records	6,257 records	8,000 records	8,000 records	2,500 records	2,500 records	5,000 records
Computer Interface	RS232	RS232 / RS485 / USB	RS232 / RS485 / USB	RS232 / RS485 / USB	RS232 / RS485 / Analog (0-5V) / USB / Memory Stick	RS232 / RS485 / Analog (0-5V) / USB / Memory Stick / Ethernet	USB	USB	RS232 / USB
Power Supply / Charger	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cont. Operating Time	5 hours	10 hours	10 hours	10 hours	8 hours	4 hours	8 hours	8 hours	10 hours
Recharge Time	15 hours	2.5 hours	3 hours	3 hours	3 hours	3 hours	2.5 hours	2.5 hours	2.5 hours
Software	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions	6.25"(l) x 2"(h) x 3.5"(w)	6.25"(l) x 2.21" (h) x 4"(w)	6.25"(l) x 2.21" (h) x 4"(w)	6.25"(l) x 2.1"(h) x 4"(w)	8.75"x6.75"x8.5"	10.1"x8"x9.5"	6.73" x 3.75" x 2.0"	6.73" x 3.75" x 2.0"	4.25" x 7.44" x 3.25"
Carrying Case	Included	Included	Included	Included	No	No	Optional	Optional	No
Accessories	No	RH Temp/Flow Meter/ Printer/ Software / Wall/Tripod Mount	RH Temp/Flow Meter/ Printer/ Software / Wall/Tripod Mount	RH & Temp / Flow Meter / Printer / Wall/Tripod Mount	RH & Temp / Serial Cable	RH & Temp / Serial Cable	Case, Boot, Zero Kit, Flow Kit	Case, Boot, Zero Kit, Flow Kit	Cyclones: PM10, PM2.5 & PM4