

2019-2020 PRODUCT CATALOG



International Edition



The Professionals Choice for Air Sampling Equipment

PORTABLE HANDHELD INSTRUMENTS



Dust Monitors: 73-74
Optical Particle Counters: 75-77
Differential Pressure Recorders: 78

Aerocet-531S Mass Particle Counter/Dust Monitor



2-in-1 performance!

Particle Mass Profiler and Counter in a Single Handheld Unit

The Aerocet 531S is a small, handheld, battery operated, and completely portable unit. This unit provides both particle counts or mass PM measurements as stored datalogged values, real-time networked data, or printed results.

Six Mass Ranges and Four Particle Sizes
Six important mass size ranges (PM1, PM2.5, PM4, PM7, PM10, and TSP) are displayed in mass mode as well as four popular cumulative particle sizes (> 0.5, 1.0, 5.0 and 10.0 microns) in count mode.

Tailored Mass Conversion

The particle counts from eight size ranges are converted to mass using a proprietary algorithm for typical-density aerosols. Accommodation for special particulate with different densities is provided through user-programmable “K-factors.”

Flexible Data Interfaces

The Aerocet 531S stores up to 6,257 records. These records can be viewed on the display, or transferred to a computer via USB or RS232. Our included Comet download utility makes file transfers easy. Data files can easily be imported into an Excel® formatted output.

Temperature and Relative Humidity Option

A plug-and-play option that immediately adds ambient temperature and relative humidity capabilities to the displayed and logged data.



Met One Instruments

PRODUCT	DESCRIPTION
MO-AEROCET-531S	Met One Aerocet 531S Mass Monitor
MO-9801	Flow Meter Kit
MO-G3120	Temperature and Humidity Probe
MO-G3115	Portable Printer
MO-750509	Portable Printer Paper (per roll)
MO-550067	USB to Serial (RS-232) Converter

Met One Instruments Aerosol Mass Monitor

The Met One Instruments 831 Aerosol Mass Monitor simultaneously provides data of four important mass ranges in one minute. Ranges include: PM1, PM2.5, PM4 and PM10.

Handheld Operation

Survey the environment with this extremely portable, size selective mass monitor. This small lightweight instrument is only 28 ounces and is the perfect survey tool for a wide range of applications.

Four Mass Ranges (PM1, P2.5, PM4, PM10)

A mass monitor that simultaneously provides data of four important mass ranges in one minute.

Battery Powered

24 hours of typical intermittent operation and up to 8 hours of continuous use. Recharge time is only 2.5 hours. The included A/C charger/adaptor operates the counter even when the battery pack is discharged.

Simple Operation

Only two front-panel buttons accompany the multifunction rotary scroll wheel to provide simple and efficient operation. Just press and rotate to scroll thru the menu driven platform.

Sample History

View sample history easily on the display or export data via the USB port using the included software. Unit stores up to 2500 sample events. USB interface provides quick data download and field firmware upgrades.



Shown with optional protective boot.



Met One Instruments

PRODUCT	DESCRIPTION
MO-AEROCET-831	Met One Instruments 831 Aerosol Mass Monitor
MO-80450	Protective Rubber Boot for Met One 831 Aerosol Mass Monitor
MO-8517	Carrying Case for Met One 831 Aerosol Mass Monitor
MO-80846	Zero Filter Kit for Met One 831 Aerosol Mass Monitor
MO-80530	Flow Meter Kit for Met One 831 Aerosol Mass Monitor

804 Four Channel Handheld Particle Counter

Accurate – Affordable – Reliable

Small Size — Big Performance

The 804 handheld particle counter is a 4 channel portable particle counter that counts particles 0.3 microns to 10.0 microns - giving you portability and reliability at the lowest price in the industry.

Completely Self-Contained — Selectable Particle Sizes

Don't let the size fool you – this unit is completely self-contained with its own internal battery and sample pump, and is programmable, allowing you to choose your particle sizes of interest from seven sizes: 0.3, 0.5, 0.7, 1.0, 2.5, 5.0 or 10.0 microns.

Fast Sampling

Unlike other counters that can take up to a minute to deliver results, the 804 incorporates user selectable sampling time up to 1 minute and displays counts in as little as 3 seconds. The unit will take single or continuous samples.

Simple Operation

Only two front-panel buttons and scroll wheel provide a user friendly, menu driven platform that provides ease in configuration.

Battery or AC Powered

The self-contained battery pack powers the unit for 30 hours of typical intermittent operation, and for up to 8 hours of continuous use. The included AC charger/adaptor operates the counter, even when the battery pack is discharged, and recharges the depleted battery in 2.5 hours.

Flexible Data Interfaces/ USB Communication

Stores up to 2500 records for output, Excel formatted output via included single computer software. USB interface provides quick data download and field firmware upgrades.



Shown with optional protective boot.



Met One Instruments

PRODUCT	DESCRIPTION
MO-804	Met One Model 804 Particle Counter
MO-80450	Protective Boot for Model 804
MO-80846	Zero Filter Kit for Model 804
MO-8517	Carrying Case for Model 804
MO-80530	Flow Meter Kit for Model 804

GT-521S Two Channel Particle Counter

Bench unit performance in the palm of your hand.

Big Performance, Small Size

Each unit is a full-featured, battery-operated, portable laser particle counter that provides the functionality of a bench unit with the convenience of a handheld! It can datalog particle counts continuously or send them to a network.

Dual Programmable Particle Channels

Two programmable particle channels with a range of 0.3 – 5.0 microns each show differential or cumulative particle counts in real time, with selectable count units.

Simple and Powerful Menu-Driven Command Set

A simple touch of a button sets particle sizes, sample time, alarm settings, and basic setup parameters such as date/time and communications settings. Remote operation via RS-232 or RS-485 communications ports allows extensive control, including all front-panel operations.

Flexible Data Interfaces

Stores up to 4,000 records for printer output, Excel® formatted output, or networked datalogging via the included single computer software.

Temperature and Relative Humidity Option

A plug-and-play option that immediately adds ambient temperature and relative humidity capabilities to the displayed and logged data.



Met One Instruments

SPECIFICATIONS

Particle Size Range	Two channels — from 0.3 to 5.0 µm (selectable in 0.1 µm increments)
Concentration Range	0 - 3,000,000 particles per cubic foot (105,900 particles/L)
Accuracy	± 10%, to calibration aerosol
Sensitivity	0.3 µm
Flow Rate	0.1 cfm (2.83 lpm)
Sample Time	Adjustable: 6 to 999 seconds
Hold Time	Adjustable: 1 to 999 seconds

PRODUCT

DESCRIPTION

MO-GT-521S	Met One GT-521S Particle Counter
MO-9801	Flow Meter Kit
MO-G3120	Temperature and Humidity Probe
MO-G3115	Portable Printer
MO-750509	Portable Printer Paper (per roll)
MO-550067	USB to Serial (RS-232) Converter

GT-526S Six Channel Particle Counter

The Affordable Six Channel Solution.



Handheld Operation

The GT-526S is a full-featured, battery-operated, portable particle counter that provides the functionality of a bench unit with the convenience of a handheld.

User Selectable Sizes

Six programmable particle sizes. Operator can set each size from 0.3 to 10 microns.

Count Alarm Limits

Two programmable count alarm limits. Alarms are indicated by an audible beep, displayed message and an alarm flag in the data file.

Data Storage

Store up to 8,000 sample events. Sample history events can be viewed, printed on the optional printer and download to a computer using Comet software or simple ASCII terminal commands.

Battery Powered

24 hours of typical (intermittent) operation and 10 hours of continuous operation. Recharge time is only 2.5 hours.

Temperature / Relative Humidity Option

A plug-and-play option that immediately adds ambient temperature and relative humidity capabilities to displayed and logged data.



Met One Instruments

SPECIFICATIONS

Particle Size Range	0.3µm - 10µm, 6 channels
Calibrated Sizes	0.3 µm, 0.5µm, 1.0µm, 2.0µm 5.0µm and 10µm
User Size Settings	0.1µm steps from 0.3µm - 2.0µm, 0.5µm steps from 2.0µm - 10µm
Concentration Range	0 - 3,000,000 particles per cubic foot (105,900 particle/L)
Accuracy	± 10% to calibration aerosol
Flow Rate	0.1 cfm (2.83 lpm)
Data Storage	8,000 samples
Sample Time	Adjustable: 1 to 999 seconds
Hold Time	Adjustable: 0 to 999 seconds

PRODUCT	DESCRIPTION
MO-GT-526S	Met One GT-526S Particle Counter
MO-9801	Flow Meter Kit
MO-G3120	Temperature and Humidity Probe
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MO-750509	Portable Printer Paper (per roll)
MO-550067	USB to Serial (RS-232) Converter



It shouldn't be such a struggle to get the products you need.

Zefon has the air sampling products you're looking for to make your buying experience easy and hassle free.

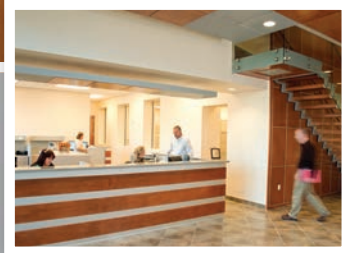


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