MET ONE HHPC+ Series
Handheld Particle Counters

MET ONE HHPC+ Series handheld particle counters allow easy ISO Class 5 to 7 monitoring in hard-to-reach places. Lightweight with a high-resolution display, these handheld counters are ideal for routine monitoring of controlled environments and mini-environments, easy filter leak troubleshooting for particle-contamination issues, spot-checking critical areas, and targeting particle generation within process equipment.

It's All in the Palm of Your Hand

Routine Monitoring
The easy-to-read, high-resolution display is fully configurable, presenting the data you need in a large, clear font.

Lightweight and Easy to Carry
At only 1.5 lbs, you'll be able to easily carry it in one hand while effortlessly troubleshooting filter leaks in mini-environments and workstations.

Cleanroom Classification
Quickly check or validate ISO Class 5 (FED STD Class 100) or higher cleanrooms and controlled environments.

Visual Particle Trending
Process profiling enables you to pinpoint particle events and save analysis time.

Export & Download Data with Ease
Transfer your particle counting data (supports CFR 21 Part 11 compliance, Microsoft Excel compatible files) directly to your PC via Ethernet, USB cable or USB memory stick. No device drivers or special software required.

Charged and Ready
Your handheld is fully charged, and ready for use at all times. The unique cradle provides PC access to particle counting data via Ethernet or USB cable.

Specifications	MET ONE HHPC+ Handheld Particle Counters	
Particle Size Range	Size channels per ISO 14644-1 (FS 209E) industry standard HHPC 6+ and HHPC 3+ (0.3 μm version) - 0.3 μm - 10 μm HHPC 2+ and HHPC 3+ (0.5 μm version) - 0.5 μm - 5 μm	
Number of Channels	HHPC 6+	Channel 1 fixed 0.3 μm. Up to 5 additional size channels: 0.5 μm, 1.0 μm, 2.0 μm, 5.0 μm, 10.0 μm
	HHPC 3+ (0.3 μm)	Channel 1 fixed 0.3 μm. Up to 2 additional size channels: 0.5 μm, 1.0 μm, 2.0 μm, 5.0 μm, 10.0 μm.
	HHPC 3+ (0.5 μm)	Channel 1 fixed 0.5μm. Up to 2 additional size channels: 1.0 μm, 2.0 μm, 5.0 μm.
	HHPC 2+	Channel 1 fixed 0.5 μm. 1 additional size channel: 1.0 μm, 2.0 μm, 5.0 μm.
Weight	Ultra-lightweight at 1.5 lbs for comfortable handheld use	
Flow Rate	2.83 lpm. Take ISO 14644-1 class 5 compliant 0.3 μm samples in a minute	
Communications	Access particle counting data direct to PC via Ethernet and USB cable, or use USB memory stick. No device drivers or software required.	
Display	Large 3.5" high resolution 320 x 240 color for super clear viewing with intuitive icons for easy navigation.	
Display Configuration	User selectable size channels with super-large font options	
Display Data Modes	Traditional tabular particle counts or trend graph for easy particle profiling	
Enclosure	High impact polycarbonate ABS for exceptional durability	
Dimensions	10.7" x 3.9" x 2.1" Contoured for convenient single handed operation	
Battery Duration	Over 10 hours with typical use model. Minimum 5.5 hours continuous sampling	
Battery Charging	3.5 hours	
Data Storage	10,000 records for the most demanding applications (5000 records for .xls CFR 21 Part 11 secure files)	
Counting Efficiency	HHPC 3+ (0.3 um version) and HHPC 6+ 50% @ 0.3 μm and 100% for particles > 0.45 μm (per ISO 21501) HHPC 2+ and HHPC 3+ (0.5um version); 50% @ 0.5 μm and 100% for particles > 0.75 μm (per ISO 21501)	
Zero Count Level	1 count / 5 minute (per JIS B9921	
Concentration Limits	4,000,000 / ft^3 @ 10% coincidence loss HHPC 6+, HHPC 3+ (0.3 μm), 2,000,000 / ft^3 @ 10% coincidence loss HHPC 2+, HHPC 3+ (0.5 μm)	
Count Modes	Raw counts, N/ft^3, N/m^3, N/L in Cumulative or Differential mode	
Security	Administrator password controlled (optional) CFR 21 Part 11 compliant Excel compatible files.	
Alarms	User selected particle channels and limits	
Operating Environment	50°F to 104°F (10°C to 40°C) / < 95% non-condensing	
Storage Environment	14°F to 122°F (-10°C to 50°C) / Up to 98% non-condensing	
Accessories Included	Power supply, Universal 110-240V Zero count inlet-filter and zero count filter adaptor 6' USB cable Cradle for ease of charging and convenient USB and Ethernet communications (HHPC 6+ only) Carry case (HHPC6+ and HHPC3+ models only)	

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