

# MET ONE HHPC+ Series Handheld Particle Counters

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**Simple**

**Fast**

**MET ONE**

# MET ONE HHPC+ series handheld particle counter.

Counting 00:00:14 Infinite	
Location 1	Counts/ft <sup>3</sup>
Size	Cumulative
0.3 $\mu\text{m}$	155.8
0.5 $\mu\text{m}$	77.9
1.0 $\mu\text{m}$	13.0
2.0 $\mu\text{m}$	13.0
5.0 $\mu\text{m}$	0.0
10.0 $\mu\text{m}$	0.0
2.170 L	

Stopped Infinite	
Location 1	Counts/L
Size	Cumulative
0.5 $\mu\text{m}$	0.0
5.0 $\mu\text{m}$	0.0



## Routine monitoring

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

## Light weight and comfortable for those hard to reach HEPA filter leaks

At only 1.5 lbs the MET ONE HHPC+ slim design allows single handed operation. Perfect for effortless troubleshooting of 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

Save analysis time with on-the-spot process profiling to pinpoint particle events.





## Specifications

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

For more information on the MET ONE HHPC+ handheld particle counter, please visit us at [www.particle.com](http://www.particle.com).

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 CLASS 1 LASER PRODUCT  
Contact manufacturer for complete compliance details

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