

MET ONE HHPC+ Series Handheld Particle Counters



Simple

Fast

MET ONE

MET ONE

MET ONE HHPC+ series handheld particle counter.



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

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



Contact us to place an order, request information or receive technical support.



Service packages and extended warranty up to 5 years.



On site technical support.



Seminars and workshops: Practical and hands on training.



Regular customer information by post and email.



www.particle.com
up to date and secure, with downloads, information and e-shop.

For more information on the MET ONE HHPC+ handheld particle counter, please visit us at www.particle.com.



CLASS 1 LASER PRODUCT

Contact manufacturer for complete compliance details

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