MET ONE HHPC+ Series
Handheld Particle Counters

Simple
Fast
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.

Clean room classification
Quickly check or validate ISO Class 5 (FED STD Class 100) or higher clean rooms and controlled environments.

Visual particle trending
Save analysis time with on-the-spot process profiling to pinpoint particle events.
Transfer clean-room particle data by easy-to-use USB Memory Stick and Ethernet electronic data transfer, you’ll be spending less time in the clean room and more time on the results!

**Easy network connectivity**
Download to Excel® via Ethernet using industry standard browsers (Internet Explorer®, Safari®, Firefox®, etc.)

**Use a memory stick – grab the data and go!**
Plug a USB memory stick in the MET ONE HHPC+ to transfer your particle data direct to a PC.

**USB cable direct to PC**
Plug it in like a camera, your data appears in Excel®.

**Leave your MET ONE HHPC+ in the clean room on the charge cradle**
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

**Particle Size Range**  
0.3 µm - 10 µm in size channels per ISO 14644-1 (FS 209E) industry standard. (HHPC 2+: 0.5 µm - 5 µm.)

**Number of Channels**  
- HHPC 6+  6 Channels  
- HHPC 3+  3 Channels  
- HHPC 2+  2 Channels

**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.

**Counting Efficiency**  
50% @ 0.3 µm; 100% for particles > 0.45 µm (per ISO 21501)

**Zero Count Level**  
1 count / 5 minute (per JIS B9921)

**Concentration Limits**  
- HHPC 6+ and 3+ 4,000,000 / ft³ @ 10% coincidence loss  
- HHPC 2+ 2,000,000 / ft³ @ 10% coincidence loss

**Count Modes**  
Raw counts, N/ft³, N/m³, N/L in Cumulative or Differential mode

**Security**  
Administrator password controlled (optional)

**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)

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