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.
Transfer cleanroom particle data by easy-to-use USB Memory Stick and Ethernet electronic data transfer, you’ll be spending less time in the cleanroom and more time on the results!

**Easy data download**

**USB Cable • Memory Stick • Ethernet**

**Easy network connectivity**
Download to Excel® via Ethernet using industry standard browsers (Internet Explorer®, Safari®, Firefox®, etc.) CFR 21 Part 11 compliant.

**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 cleanroom 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**  
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  

**Number of Channels**  
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.  

**Weight**  
Ultra-lightweight at 1.5 lbs for comfortable handheld use.  

**Flow Rate**  
2.83 1pm. Take ISO 14644-1 class 5 compliant 0.3µm 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.  
(5,000 records when secure CFR 21 Part 11 compliant files enabled)  

**Counting Efficiency**  
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)  

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

**Concentration Limits**  
4,000,000 / ft³ @ 10% coincidence loss HHPC 6+, HHPC 3+ (0.3µm), 2,000,000 / ft³ @ 10% coincidence loss HHPC 2+, HHPC 3+ (0.5µm)  

**Count Modes**  
Raw counts, N/ft³, N/m³, 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)  

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