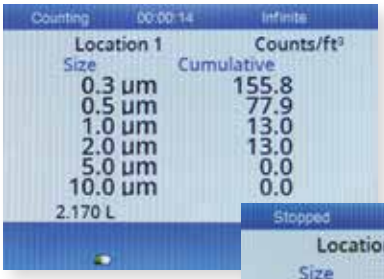
MET ONE HHPC+ Series
Handheld Particle Counters



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.



Easy data download

USB Cable • Memory Stick • Ethernet

Easy network connectivity

CFR 21 Part II secure 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.





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!

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+ Channel1 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 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 colour 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+ (0.3um version) and HHPC 6+ 50% @ 0.3µm and 100% for particles > 0.45µm (per ISO 21501) HHPC 2+ and HHPC 3+ (0.5um 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 / ft^3 @ 10% coincidence loss (HHPC 6+ and 3+), 2,000,000 / ft^3 @ 10% coincidence loss (HHPC 2+)
Count Modes	Raw counts, N/ft^3, N/m^3, 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) Carry case (HHPC6+ and HHPC3+ models only)



HHPC 2+



HHPC 3+



HHPC 6+

Wellcome Technology Co., Limited
Email:ivylin@hkmedqc.com
web:http://www.hkmedqc.com
19H Maxgrand plaza,No.3 Tai Yau Street,
San Po Kong,Kowloon,hk

HKMedQC
Wellcome Technology Co., Limited