MET ONE HHPC+ Series Handheld Particle Counters





MET ONE HHPC+ series handheld particle counter.



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.

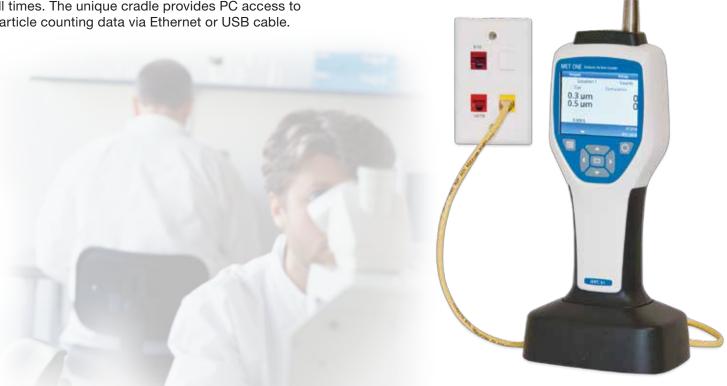
USB cable direct to PC

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.





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+ 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 lpm. 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.

Large 3.5" high resolution 320 x 240 color for super clear viewing with

intuitive icons for easy navigation.

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 / ft³ @ 10% coincidence loss HHPC 6+, HHPC 3+ (0.3µm),

2,000,000 / ft³ @ 10% coincidence loss HHPC 2+, HHPC 3+ (0.5 μ m)

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.

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