SERIAL COMMANDS		
Protocol Summary: • 38,400 Baud, 8 Data bits, No Parity, 1 Stop Bit • Commands (CMD) are UPPER or lower case • Commands are terminated with a carriage return <CR> • To view setting = CMD <CR> • To change setting = CMD <SPACE> <Value> <CR>		
CMD	**Type**	**DESCRIPTION**
?,H	Help	View the help menu
1	Settings	View the settings
2	All data	Returns all available records.
3	New data	Returns all records since last '2' or '3' command.
4	Last data	Returns the last record or last n records (n = <Value>)
D	Date	Change date. Date is format is MM/DD/YY
T	Time	Change time. Time format is HH:MM:SS
C	Clear data	Displays a prompt for clearing the stored unit data.
S	Start	Start a sample
E	End	Ends a sample (abort the sample, no data record)
ST	Sample time	View / change the sample time. Range 3-60 seconds.
ID	Location	View / change the location number. Range 1-999.
CS w x y z	Channel Sizes	View / change channel sizes where w=Size1, x=Size2, y=Size3 and z=Size4. Values are 1=0.3, 2=0.5, 3=0.7, 4=1.0, 5=2.5, 6=5.0, 7=10
SM	Sample mode	View / change sample mode. (0=Manual, 1= Continuous)
CU	Count units	View / change count units. Values are 0=CF, 1=/L, 2=TC
OP	Op Status	Replies OP x, where x is "S" Stopped or "R" Running
RV	Revision	View Software Revision
DT	Date Time	View / change date and time. (DD-MM-YY HH:MM:SS)

SETTINGS TABLE	
Function	**Description**
LOCATION NUBER	Range = 1 - 999
SIZES	Channel sizes. Select from list of 7 standard sizes (0.3, 0.5, 0.7, 1.0, 2.5, 5.0, 10)
FAVORITES	Select favorite display sizes
SAMPLE MODE	Manual or Continuous
COUNT UNITS	Total Count (TC), Particles / cubic foot (CF) particles / L (/L)
HISTORY	Display previous samples
SAMPLE TIME	Range = 1 - 60 seconds
TIME	Display / enter time
DATE	Display / enter date
MEMORY	Display percent of memory available or clear all samples
PASSWORD	Enter password to lock settings
ABOUT	Model Number and firmware version

Factory Default Settings	
Parameter	**Value**
Sizes	0.3, 0.5, 5.0, 10 um
Favorite 1	0.3mm
Favorite 2	OFF
Sample Location	1
Sample Mode	Manual
Sample Time	60 seconds
Count Units	CF

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804-9801 Rev. C

Quick Setup Guide

Model 804

Met One Instruments
POWERED BY ACOEM

Quick Setup Guide

Charge Battery → **Caution: Use supplied charger only** → **Connect charger AC power cord to AC outlet** → **Connect DC plug to instrument socket**

→ **Full charge in approximately 2.5 hours**

Power On / Off → →

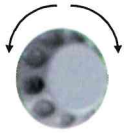
```
Model 804
WWW.METONE.COM
```

→

```
0.3u          0 CF
0.5u          0
```

Take a sample → →

```
0.3u       2889 CF
0.5u        997 35
```

→ **Display other sides** → 

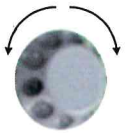
ROTATE →

```
0.3u       2889 CF
5.0u          4 60
```

View settings →

PRESS →

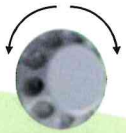
```
Rotate and Press
LOCATION      001
```

→ 

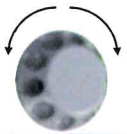
ROTATE → **See Settings Table (other side)** → **Return to Sample Screen** →

Or, wait 5 sec.

Change settings →

PRESS → 

ROTATE → **See Settings Table (other side)** →

PRESS → 

ROTATE / PRESS to change values

Cancel changes →

Transfer data → **Attention: Install USB serial driver before connecting USB cable** → **USB driver and Comet software available at: metone.com/software/**

- **Install and run Comet to transfer data**
- **See Serial Commands Table (other side)**