

PPM Formaldemeter™ htV-m Quick Guide

As a Continuous Monitor

How to change the htV-m from manual operation to monitor continuously.

QUICK GUIDE MENU MAP

SCHEDULES

If no schedule has been set up on your PC using *htV-m* download software the default schedule will run. The default schedule on your instrument is set to sample continuously if the instrument is turned on, at intervals of every 2 minutes.

If you wish to set up your own schedule settings, we advise that the schedule settings are changed using the *htV-m* downloader CD on your PC.

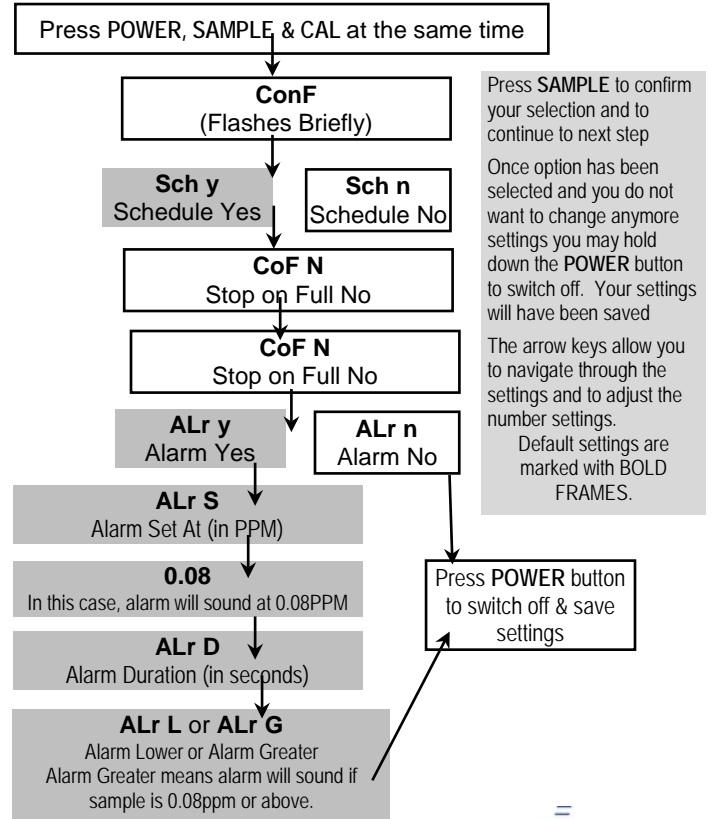
SCHEDULE START UP

1. Press **POWER**, **SAMPLE** and **▲** buttons at the same time.
2. The display will briefly flash **Con F** (Configuration Settings) followed by **Sch n** (Schedule No).
3. Use the arrow keys too change settings to **Sch y** (Schedule Yes) press **SAMPLE** to select.
4. A schedule has now been activated, press the **POWER** button at this point to confirm your option. The instrument should now switch off.
5. Switching the *htV-m* on again after activating a schedule will start the schedule.

When a schedule is running all buttons are disabled apart from the power button.

SCHEDULE END

1. If a schedule is running the instrument must first be switched off. Then turned on again by pressing the **POWER**, **SAMPLE** and **▲** buttons at the same time.
2. The display will briefly flash **Con F** (Configuration Settings) followed by **Sch y** (Schedule Yes).
3. Use arrow keys to change settings to **Sch n** (Schedule No). Press **SAMPLE** to select. Schedule Mode is now off and the instrument may be used as a handheld device again.



Press **SAMPLE** to confirm your selection and to continue to next step

Once option has been selected and you do not want to change anymore settings you may hold down the **POWER** button to switch off. Your settings will have been saved

The arrow keys allow you to navigate through the settings and to adjust the number settings.

Default settings are marked with **BOLD FRAMES**.

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SAMPLING

1. Press the **ON-OFF** button.
2. The display will show '---' followed by '0.00' (sensor ready).
3. Press the **SAMPLE** button.
4. The display will show 'run', followed by the sound of the pump running.
5. The display indicates the measured concentration in approximately 60 seconds. Before taking the next sample turn the instrument off.
6. Switch the instrument **OFF**. Press and Hold the **ON-OFF** button a few seconds. The instrument must be **OFF** for 3 to 5 minutes before taking the next sample.

Before taking the next sample, the instrument must be **OFF** for 3 to 5 minutes

CALIBRATION

Place the instrument and the calibration standard in a room where the temperature is stable for at least an hour before calibrating.

1. Note the temperature.
See **Temperature & Humidity Readings**
2. Remove the plugs from both ends of the calibration standard tube
3. Place instrument on a firm surface.
4. Insert the instrument nozzle into the sampling end of the calibration standard (indicated by the black arrow).
5. Press the **ON** button. Wait for the display to show '0.00'.
6. Depress both **▲ CAL▼** buttons simultaneously.
7. The display will show 'CAL', followed by the sound of the pump sampling from the tube. Remove calibration tube when the pump stops.
8. After approx. 60 seconds, the display will show '1.750' alternating with 'SET'.
9. Calibrate to the required value using the **▲ CAL▲** buttons.
10. To store the value, Press **SAMPLE**. The instrument will display 'CAL' then 'End', the instrument will switch itself off.

REPLACING THE BATTERY

1. Remove the battery compartment cover at the bottom rear of the instrument by unscrewing the two screws.
2. Ensuring the correct polarity, replace the dead cell with a new 9V PP3 type alkaline battery.

DISPLAY GLOSSARY

"---"	sensor recovering
"0.00"	sensor ready
"run"	sampling
"CAL"	calibration sample
"SET"	set calibration level
"EnD"	calibration complete
"bAt"	battery low
"SET" followed by "CAL"	instrument not calibrated

TEMPERATURE & HUMIDITY READINGS

1. Hold down the **SAMPLE** button and press the **ON-OFF** button once. Release the **SAMPLE** button.
2. The instrument will briefly display 'HEAT'.
3. The instrument will then show the temperature reading in °C
4. The instrument will then display the humidity (in %RH).
5. The instrument will cycle through these screens until it is either switched off manually, or it will switch itself off after 30 seconds

RETRIEVAL OF STORED DATA

This instrument automatically stores the last ten readings

1. With the **SAMPLE** button depressed, press the **ON-OFF** button and then release.
2. Instrument will display 'HEAT' followed by the temperature in °C, alternating with humidity in '%rh'.
3. With the instrument in this mode, press both **▲ CAL▼** buttons simultaneously until the display shows 'dAtA'. Release the buttons.
4. The display will show 'run0' followed by the result of the last sample
5. Scroll through the last ten results using the **▲ CAL▼** buttons

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