Alpha Moisture Systems Model SADPmini2 / SADPmini2-Ex Dewpoint Hygrometer Quick Start Guide



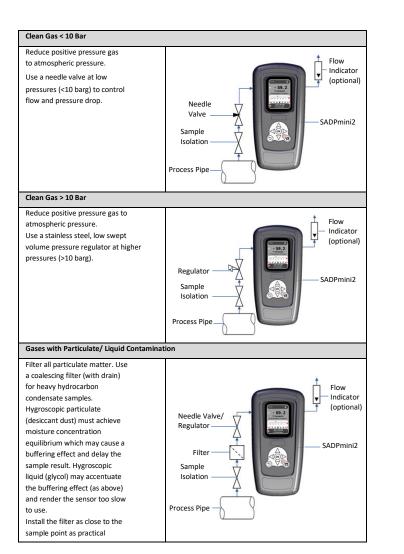
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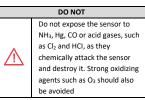
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- Install the sample piping system and equipment as per the required installation configuration. NOTE: The SADPmini2 is not connected to the inlet piping system at this stage.
- Open the sample Isolation Valve and adjust the needle valve/ regulator to allow a flow of 5-15 litres per minute to atmosphere through to sample pipe.
- 3. Allow the gas to flow through the sample pipe for 2 minutes to purge the system.
- After ensuring that the sample gas is clean and dry connect the sample pipe to the instrument. NOTE: The orientation of the ports is not important.
- When the sample flow is low or very dry gas is being measured connect a >20 cm pipe to the outlet port to prevent back diffusion.
- 6. Allow the gas to flow through the SADPmini2 for two minutes.
- 7. Press the power button on the SADPmini2 and ensure that the sensor is 'dry'.
- Block the instrument outlet, e.g. cover with a finger and allow the Desiccant Head to extend fully.
  NOTE: Do not lift the Desiccant Head manually as this will draw ambient air into the sample chamber and produce a false reading.
- 9. Unblock the outlet and allow the gas to flow through the sensor.
- 10. The displayed reading will rise until the sensor is in equilibrium with the sample gas.
- 11. When the displayed reading has settled record the final reading.
- When completed manually depress the Desiccant Head fully.
  NOTE: It is important to make sure the Desiccant Head is depressed fully when the equipment is not in use to prevent the sensor and desiccant material becoming saturated.
- 13. Close the sample Isolation Valve.
- 14. Press and hold the power button for two seconds to switch off the SADPmini2.
- 15. Disconnect the pipework from the SADPmini2.



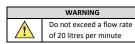
DO NOT

Do not allow the pressure in

the instrument to exceed 0.3

Navigation Keys allow the user to access and change the following:

- Time and Date settings
- International settings
- Dewpoint and concentration units
- Power saving options
- See the user manual for details



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