AirMetER-DX

PARTICULATE SENSOR MODULE REMOVAL & REPLACEMENT GUIDE

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airmet

Air-Met Scientific

PARTICULATE SENSOR MODULE REMOVAL & REPLACEMENT

Equipment Required –

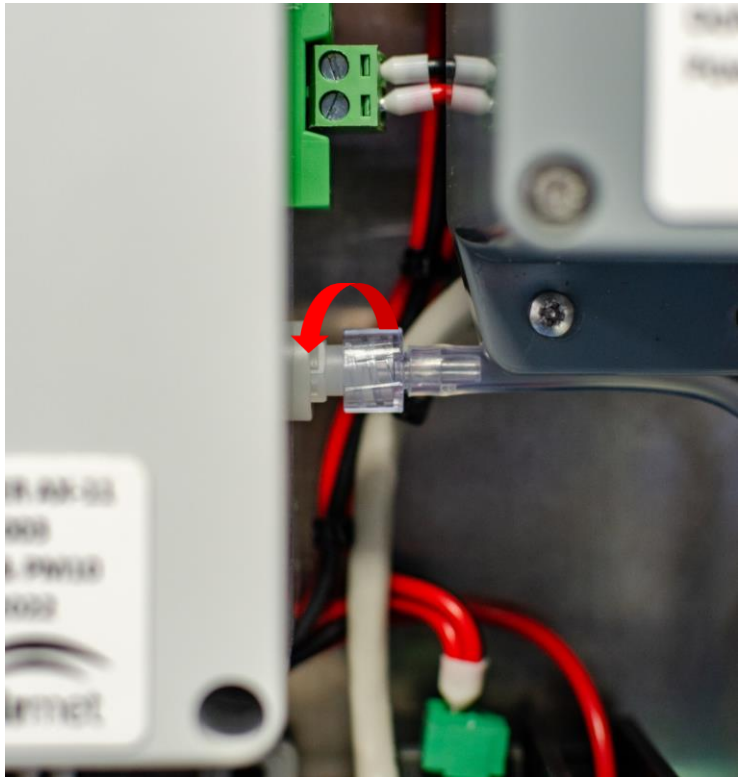
- PH screwdriver
- 2mm allen key
- Verified Rotameter capable of displaying 2L/m
- $^{3}/_{8}$" flexible tubing

WARNING:

- Do not use a power drill on the particulate sensor module screws as this may cause damage to the instrument.
- Ensure that the AirMetER-DX is switched off and disconnected from any power source while removing and replacing the particulate sensor module.

PARTICULATE SENSOR MODULE REMOVAL & REPLACEMENT

1. Remove the outlet tubing from the particulate sensor module by twisting the luer fitting anticlockwise.



2. Using a 2mm allen key, loosen the grub screw to ensure that the heated inlet can slide to assist with step 3.

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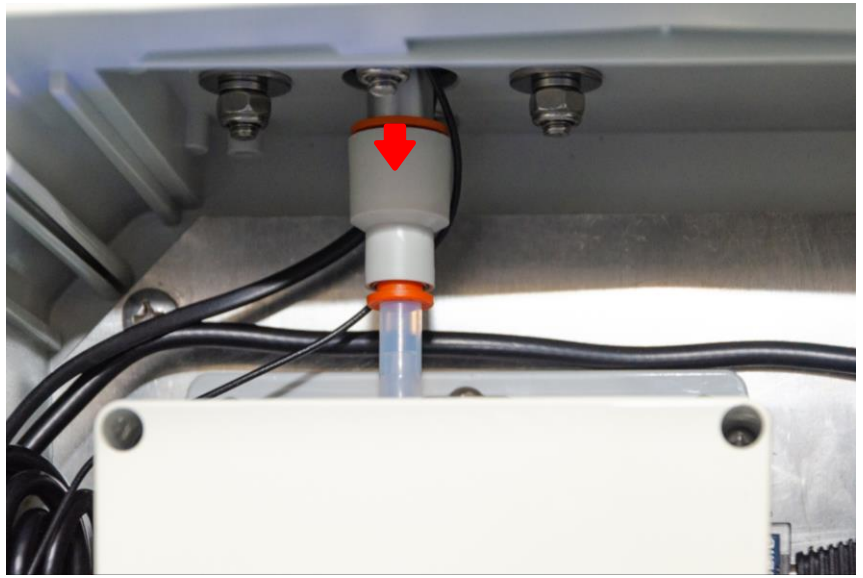
3. Unplug the tube adapter from the heated inlet by compressing the orange section inwards. This will release the tube adapter. Slide the heated inlet upward until there is a gap between the heated inlet and tube adaptor.

4. Remove the four screws from the top and bottom of the particulate sensor module.



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5. Unplug the ethernet and power supply cables from the particulate sensor module PCB.

When replacing the particulate sensor module, complete these steps in reverse.

To confirm that the instrument is not leaking after the particulate sensor module replacement, check that the flow rate is still within the required range before covering the inlet with a finger. If there is a build-up of pressure from blocking the end, the leak check has passed.

CONTACT US

NEED HELP?

If you have any questions or require troubleshooting while using this guide, our team are here to assist you. Please feel free to contact us at any of the following means:

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Alternatively, scan the QR code to locate your nearest Air-Met Scientific office.