Set up AirCal 1000

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INTRODUCTION

The AirCal 1000 is easy to set up.

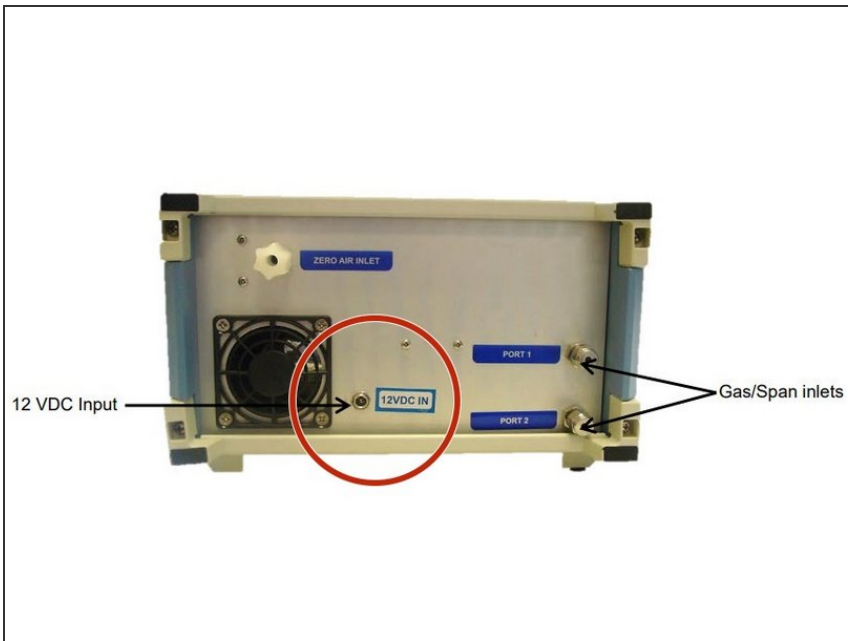## TOOLS:

- Adjustable spanner (1)
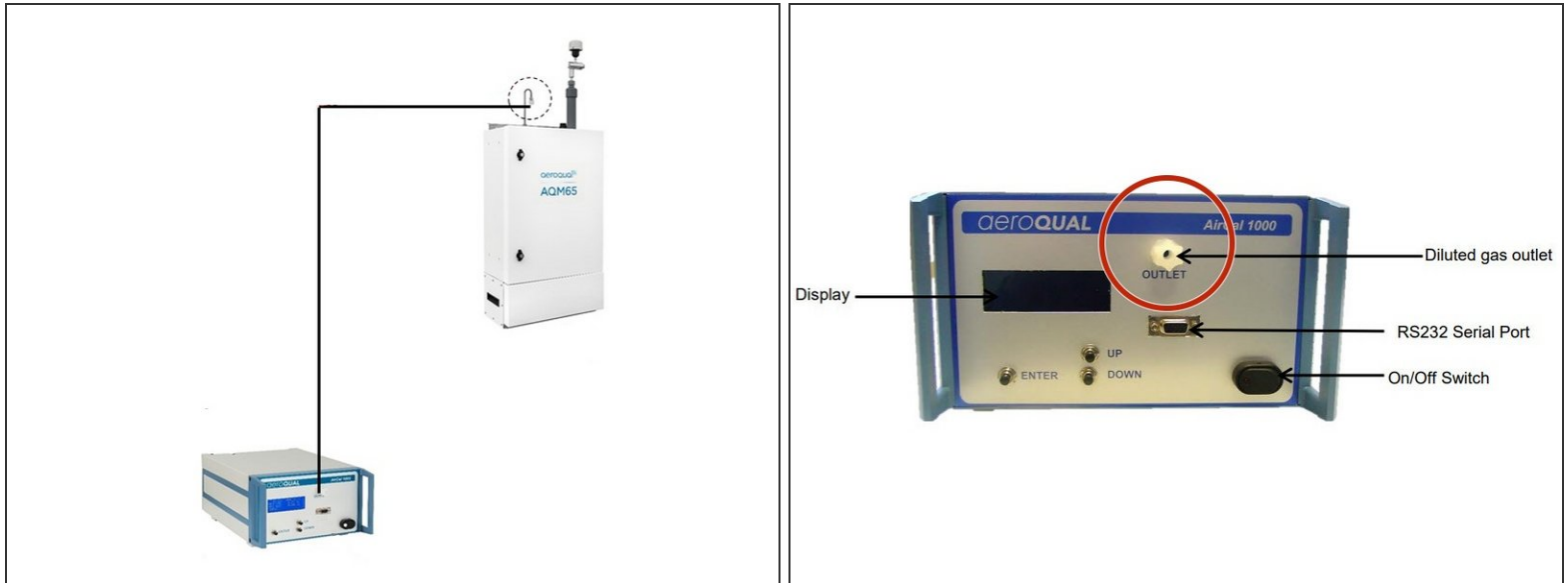
PARTS:

- AirCal 1000 portable calibrator (1)
- Calgaz gas cylinders (1)
- Gas regulator (1)

Step 1 — Attach power supply

- Unpack the instrument.

- Plug one end of the 100-240V AC to 12V DC power supply pack into the input socket at the back of the the AirCal 1000.

- Plug the other end into the mains.

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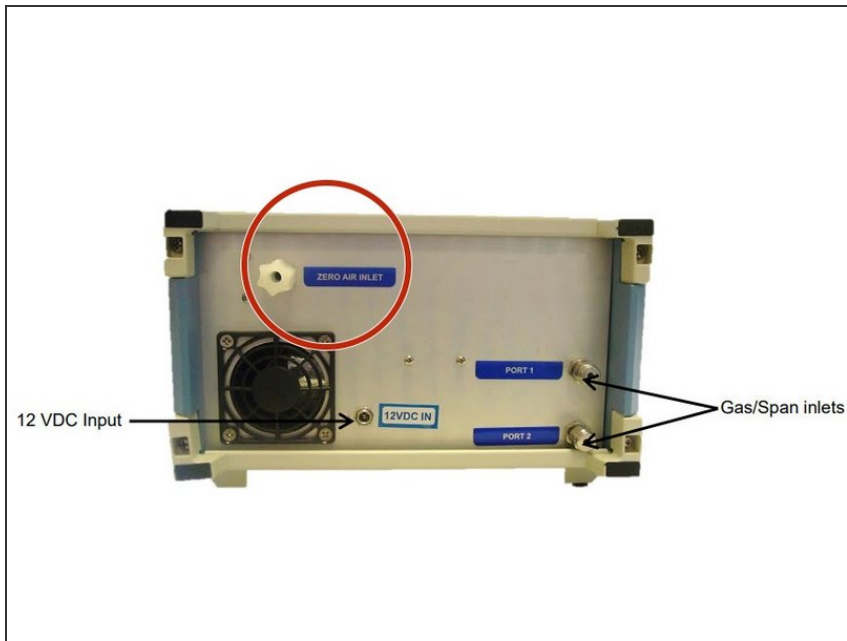© 2022   support.aeroqual.com/   Page 3 of 7

Step 2 — Connect outlet to monitor

- Remove the Kynar fitting (inlet mesh filter) from your monitor's gas inlet.

- Connect the 3-way tee to the inlet.

- Use the flow assembly that came with your AirCal 1000 (¼ OD PTFE tubing and compression fitting) to connect the outlet on the front of the AirCal 1000 to one side the tee.

⚠ Never block the outlet flow of the AirCal 1000. Internal damage may occur.

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Step 3 — Fit filter

- Fit the supplied filter to the zero air inlet on the back to ensure the pump doesn't get damaged by dust.

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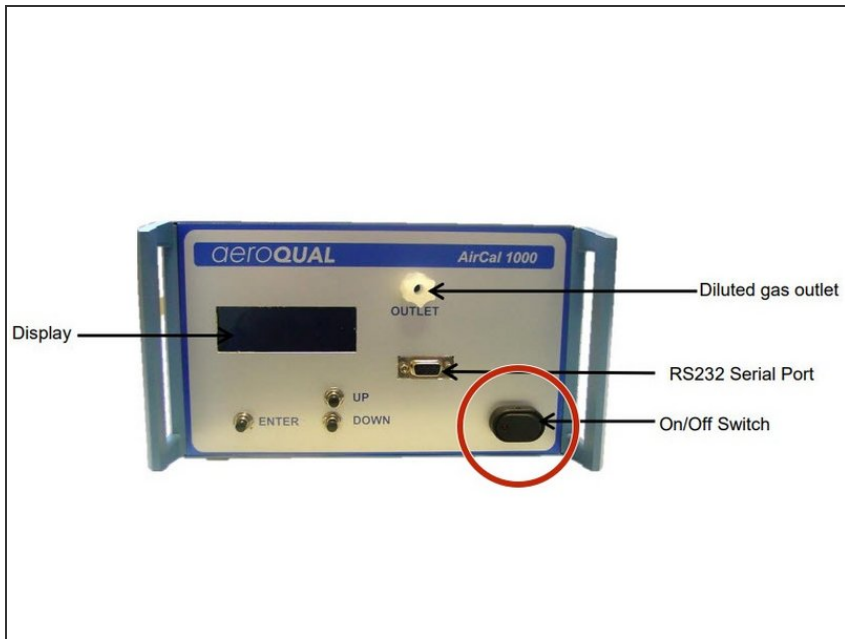© 2022   support.aeroqual.com/   Page 5 of 7

Step 4 — Connect cylinders

- Attach (screw on) a gas regulator on to each of your 2 gas cylinders.

- Connect the gas regulators to the gas inlet ports on the back of the AirCal 1000. Use 1/8 inch OD Teflon tubing to make this connection.

- Adjust the inlet pressure to 10-15 PSI.

  ⚠ Don't over pressurise.

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Step 5 — Turn it on

- Turn on the power switch on the front of the AirCal 1000.

- Wait 30 minutes for the instrument to warm up.

- (i) The AirCal1000 contains a heated Carulite scrubber for the removal of CO. This scrubber operates at elevated temperatures and needs 30 minutes to reach full CO scrubbing efficiency.

For further support, contact [Technical Support](#).

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