

AirMetER Series

DECOMMISSIONING GUIDE

Revision | March 2024



PLEASE NOTE THAT THIS PROCESS SHOULD BE
COMPLETED BY AT LEAST 2 PEOPLE

DISCONNECTING THE SOLAR KIT

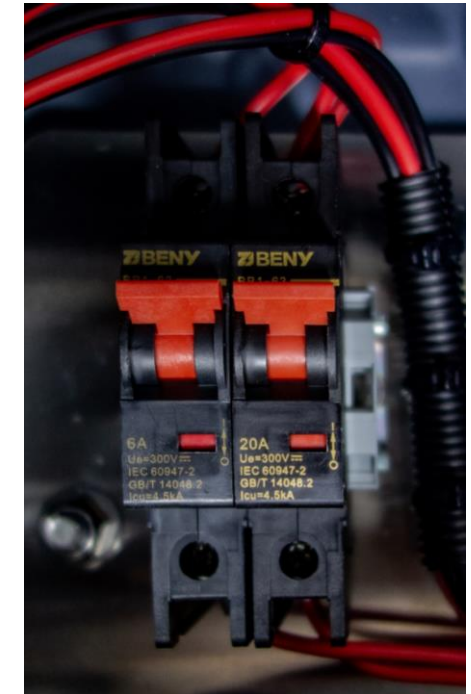
1. The battery enclosure includes two circuit breakers for the battery and the instrument. Switch the circuit breakers to the off position (green) to power down the instrument.

Circuit Breaker OFF

- With the switch pushed down, the indicator next to the amperage rating will be green.
- *Green indicates open circuit – No power will be supplied through the circuit breaker*

Circuit Breaker ON

- With the switch pushed up the indicator next to the amperage rating will be red.
- *Red indicates closed circuit – Power will be supplied through the circuit breaker*



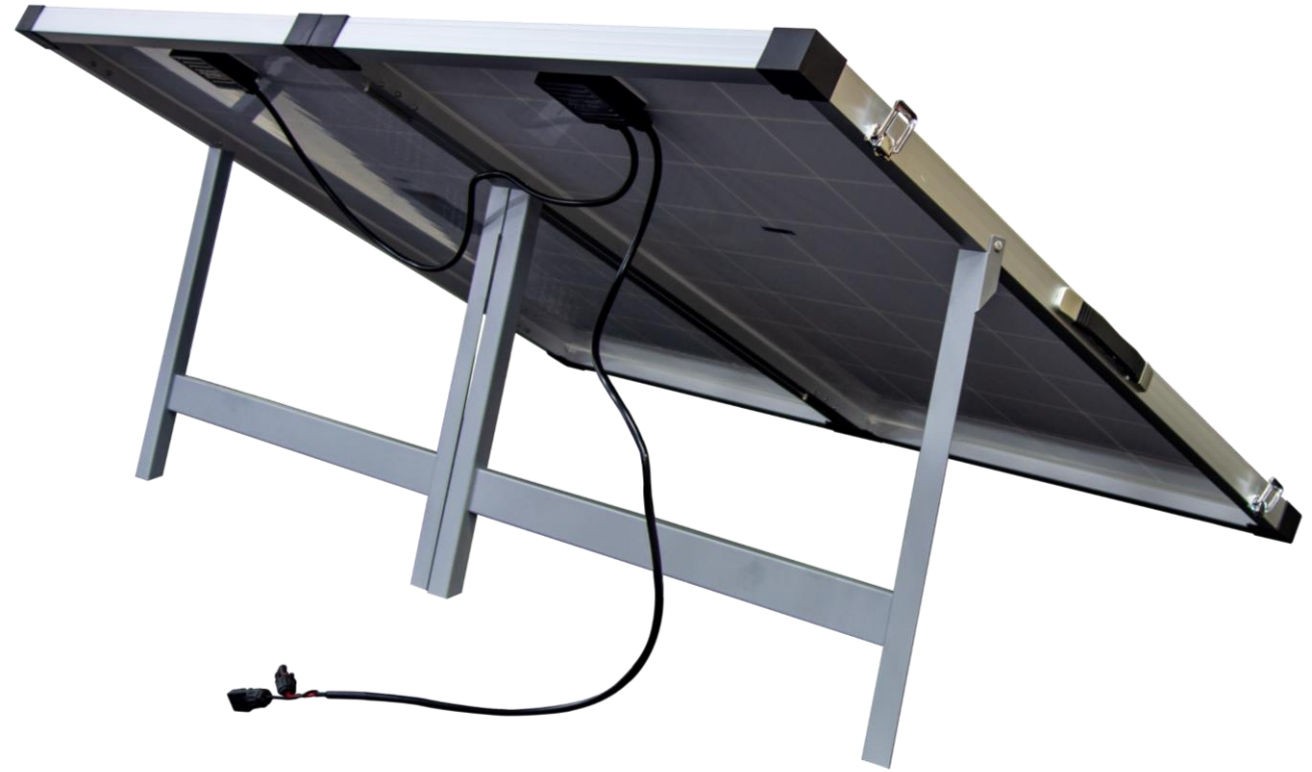
DISCONNECTING THE SOLAR KIT

2. Disconnect the 3m cable from the solar plug on the outside of the battery enclosure and the solar panel. When disconnecting the solar panel cable from the 3m cable, ensure you pinch the sides of the connectors to release the cables.
3. Disconnect the 2m cable from the load plug on the outside of the battery enclosure and the unit.
4. Clean any dirt or moisture from the cables and plugs before coiling the cables up and placing them inside the battery enclosure to avoid misplacing them. Once the cables have been placed in the battery enclosure, close the battery enclosure's latches.



DISCONNECTING THE SOLAR KIT

5. Use a cloth to clean any dirt or moisture on the solar panel. Fold the solar panel up and close the latches.
6. Place the solar panel in its carry case along with any boxes it may have been supplied with.



REMOVAL FROM THE TRIPOD

1. Have one person hold the weight of the unit and another person use the drill and $\frac{5}{16}$ " hex bit to loosen the mounting straps completely so they can freely pull the instrument away from the tripod.



REMOVAL FROM THE TRIPOD

2. Place the unit face down on a bench and remove the mounting brackets from the rails.
3. Remove the pin from the tripod and fold the tripod up into its transportable position.
4. With the tripod folded up, place the pin again to hold the tripod in this position.

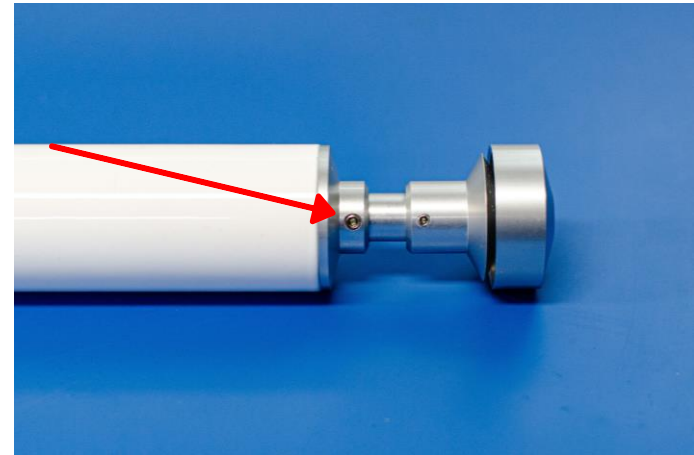


HEATED INLET REMOVAL

1. Inside the unit, unplug the heated inlet cable from the plug secured to the side of the enclosure.

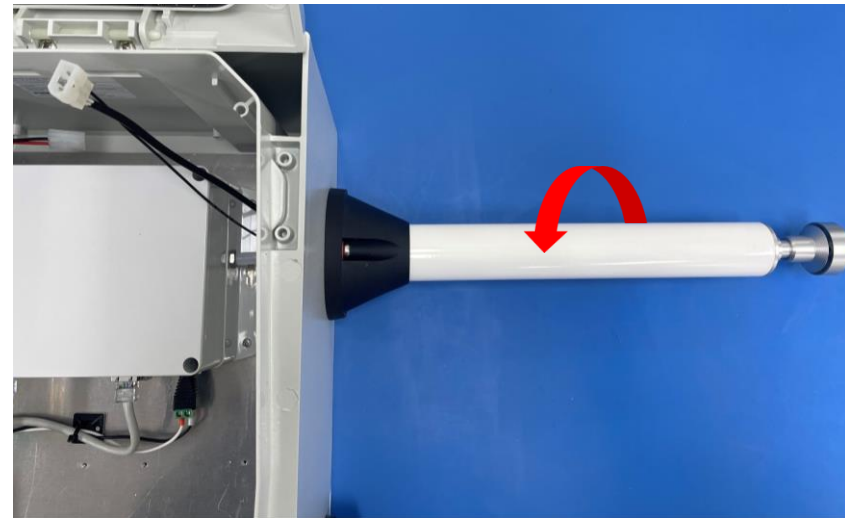
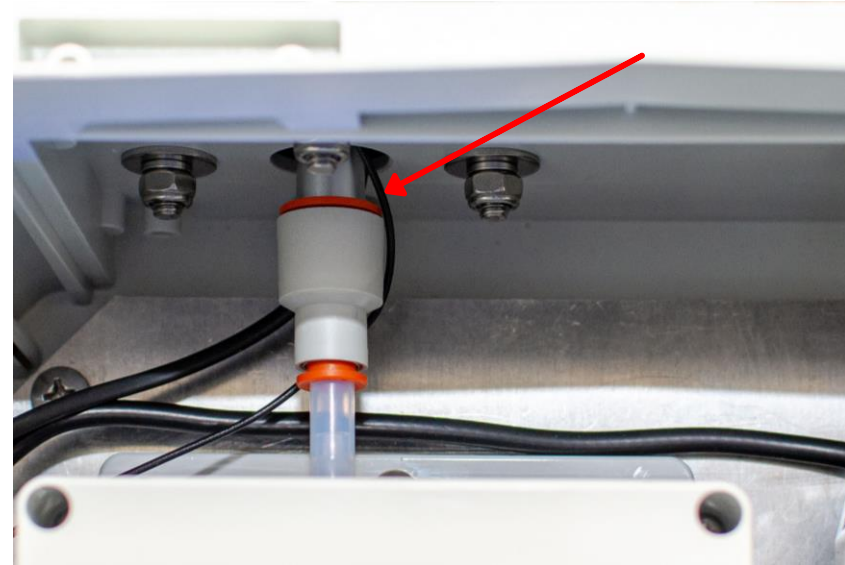
Note: The DXIV model does not have this cable.

2. Using a 2mm allen key loosen the grub screw to ensure the heated inlet can slide out of the tube adapter (the tube adapter is shown on the next slide).



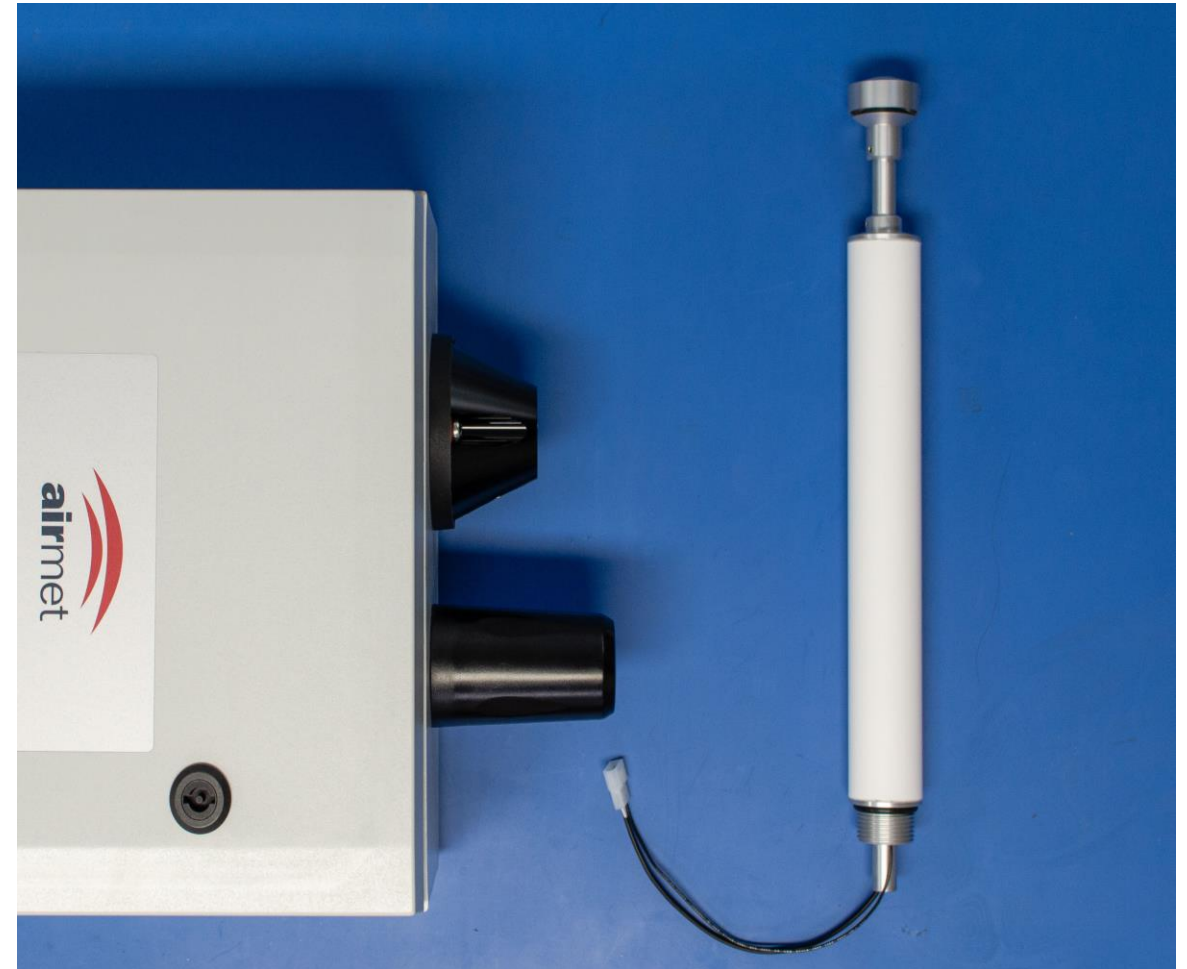
HEATED INLET REMOVAL

3. Compress the orange section of the tube adapter and lift the heated inlet shaft away from the instrument to create a gap between the shaft and tube adapter.
4. Begin screwing the heated inlet anti-clockwise while using the other hand to assist the heated inlet cable to twist around the tube adapter, take care while screwing the heated inlet to not tangle the heated inlet cable as this may cause damage to the cable.



HEATED INLET REMOVAL

5. Once the inlet is unscrewed, pull the inlet and cable completely out of the adapter.
6. Bubble wrap the heated inlet adapter and TSP head before placing them within the instrument's enclosure ready for shipping.



INSTRUMENT SHIPMENT

The unit and all of its components should now be disassembled, ready for shipping. Ensure that all of the doors and latches have been closed and secured.

Take care when transporting the battery enclosure as the weight is approximately 60kg.



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:

 1800 000 744

 engineeredolutions@airmet.com.au

 www.airmet.com.au

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

