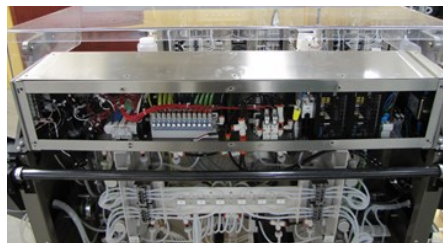


To replace Power Supply A on the ANKOM^{TDF} Dietary Fiber Analyzer, follow the steps below.

1. Turn off the instrument and unplug the power cord. Unscrew the 10 screws on the stainless steel back panel and remove. Set aside the panel and screws for reattachment later.



2. Unscrew the 7 screws on the stainless steel top panel and remove. Set screws and panel aside for reattachment later.



3. Inside the electrical enclosure, identify the two Power Supplies as pictured below. There are two configurations of Power Supply A (PSA) (MeanWell or Omron). The picture is the view from the rear of the instrument. In this view Power Supply B (PSB) is on the left and Power Supply A is on the right. The output voltage on PSA and PSB is different and these are not interchangeable. If the power supply being replaced is a MeanWell brand, pull up on and remove the two green connectors on the top of the power supply—identified by the red arrows. If the old power supply is Omron brand, use a small screwdriver to release the wires connected to the power supply.

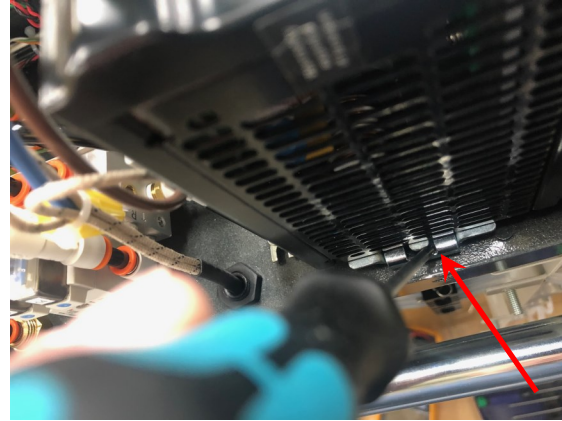
MeanWell



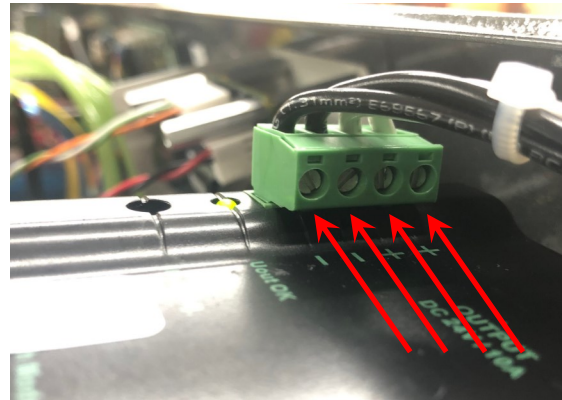
Omron



4. Use a screwdriver to pull back on the chrome tab at the bottom of the power supply to be replaced. While pulling back on the tab, tilt the power supply so that it is detached from the DIN rail underneath it. You will now be able to pull the power supply out of its position.



5. If the old PSA was a MeanWell brand release the wires in both green plugs using a small screwdriver and discard the plugs.



6. The Brown, Blue and Yellow/Green wires connect as shown below. On the other side of PSA, the white wires connect to the terminals marked as "+" and then the black wires connect to the "-" terminals as shown below. Ensure that there are no stray wire strands at each connection point and pull on the wires once they are in place to ensure that they are secure. Finally, lock the PSA onto the DIN Rail.



7. Replace the top and back panels to the electrical enclosure, securing with the 17 screws from steps 1 and 2.



POWER SUPPLY A QC

11. If Power Supply A was replaced, perform the following test.
12. Go to Diagnostics and select Motor Test.
13. Press GO and confirm that the pump motor is turning. If the water supply is connected and the waste valve is open it should begin pumping water to waste.
14. With this test completed the instrument may be returned to service.

