

Revised:2-13-2022 RJC

To modify the 25-pin Control Panel Connector on the ANKOM^{TDF} Dietary Fiber Analyzer, follow the steps below. (This may be necessary when replacing a TDF17 Control Panel.)



Power off the instrument. 1.

2. Identify the receptacle locations on the new and current **Control Panels.**

There are two styles of the TDF17 Control Panel: One has a rear mounted control panel receptacle and the other has a bottom mounted control panel receptacle. If the replacement of a TDF17 Control Panel involves switching from one style to the other, a modification must be made to the 25-pin connector housing.



3. Unplug the 25-pin Connector from the Control Panel.

It may be that the Control Panel currently on your instrument has a bottom mounted receptacle *unlike* the one pictured to the right. Either way when switching from one style to the other the following steps must be performed.



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4.	Use a Philips head screwdriver to unscrew the three screws on the connector and set them aside.	3 Screws	
5.	Open the connector back shell.		Back shell
6.	Rotate the wires and 25-pin Connector 180° so that the connector is facing the opposite direction.	1 miles	*
	The individual wires attached to the connector must be bent so that the side of the connector marked with an asterisk in Figure A is now located at the side marked with the asterisk in Figure B.		Figure A 180°
		*	Figure B
7.	Place the wires back inside the connector back shell.	*	
	Ose care to ensure that the wires are not twisted to the point of preventing the connector back shell from closing.(Ensure the two removable black pieces stay in place and do not fall out.)		
			2 removable black pieces

A	25- pin Control Panel Connector Configuration TDF	Service Procedure TS012 Revised:2-13-2022 RJC
8.	Ensure the two black flanges capture the edge of the 25-pin Connector.	Black flanges
9.	Secure the three screws.	Screws
10.	Install the new Control Panel by securing the three nuts onto the side of the TDF instrument.	TDF
11.	Plug the 25-pin Connector into the Control Panel.	m Control Panel plug
12.	Power on the instrument and test the Control Panel to ensure it is working properly. Return the instrument to service.	0 ●Fax: 315-986-8091