

UDA2182 Universal Dual Analyzer Printed Wiring Boards Kit Instruction #70-82-33-80

Kit Contents

This kit contains one of the following Printed Wiring Boards:

Kit/Part Number	Description
51453313-501	pH Input Card
50009551-501	pH for Preamp Input Card
51453316-501	Conductivity Input Card
51453319-501	ppm Dissolved Oxygen Input Card
51453319-502	ppb Dissolved Oxygen Input Card
51453540-501	Power Supply/Analog Output/Relay Output Card
51453328-501	Option Board - Additional Analog Output/Digital Input(2)/ Relay Output(2)card
50025563-501	Communications Card



WARNING

While the unit is powered, a potentially lethal shock hazard exists inside the case. **Do not open the case while the unit is powered.**

When handling Printed Wiring Boards, we recommend that you use a grounded wrist strap.

Equipment Needed

Small flat-bladed screwdriver

Small Phillips head screwdriver

Accessing the Printed Wiring Boards

With power off, open the case:

- Loosen the four captive screws on the front of the bezel.
- Grasp the bezel on the right side. Lift the bezel gently and swing the bezel open to the left.

Printed Wiring Board Identification

Step	Action
1	Note the location of the various boards inside the instrument. (Figure 1)
2	Match up the new/replacement board in this kit with the location inside the analyzer so that you become familiar with where it goes.

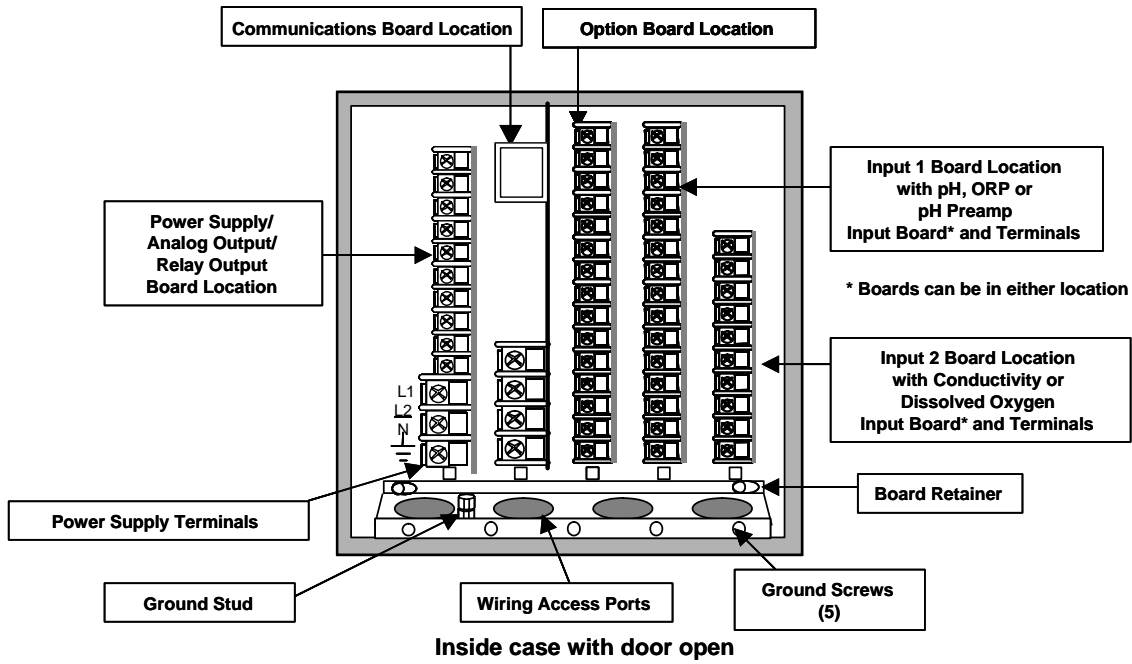


Figure 1 Printed Wiring Board Location

Procedure

Step	Action
ATTENTION	
Turn off the power to the analyzer. More than one switch may be required to remove power.	
1	If you are replacing the board, remove and tag any wires attached to the board.
2	Refer to Figure 1 for the location of the terminal board retainer. Loosen the screws that hold the retainer and slide the retainer left until the retainer tabs disengage from the terminal boards.
3	Insert a screwdriver into the tab in the board to be replaced and pull out gently. Slide the board out.
4	Replace the board with the one from this kit. <i>If you are adding a new board, refer to figure 1 for proper board location.</i>
5	Slide the retainer to the left then slide the terminal board back into place. Slide retainer to engage the tabs and tighten the screws.
6	Attach the wires removed in step 1.
7	Close the Bezel and secure four captive screws to a torque value of .20Nm (1.5 Lb-in). Power up the unit. Do not apply power until the bezel is closed.

For Wiring information and Configuration information, refer to User Guide 70-82-25-119.