

Service Note

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HOW TO CONVERT A 300 TYPE IR PRODUCT FROM 115/50HZ TO 115/60HZ

I. PURPOSE:

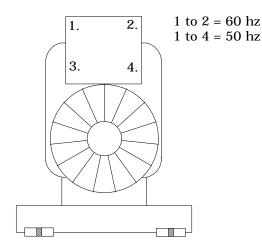
To give instructions on how to convert an M300 IR type product from 115/50Hz to 115/60Hz.

- II. <u>TOOLS</u>: Needle Nose Pliers Phillips Tipped screwdriver
- III. <u>PARTS</u>: KIT000149

IV. <u>PROCEDURE</u>:

When changing the frequency from 50 to 60 Hz, ensure that the Synchronous motor and the pump are configured correctly.

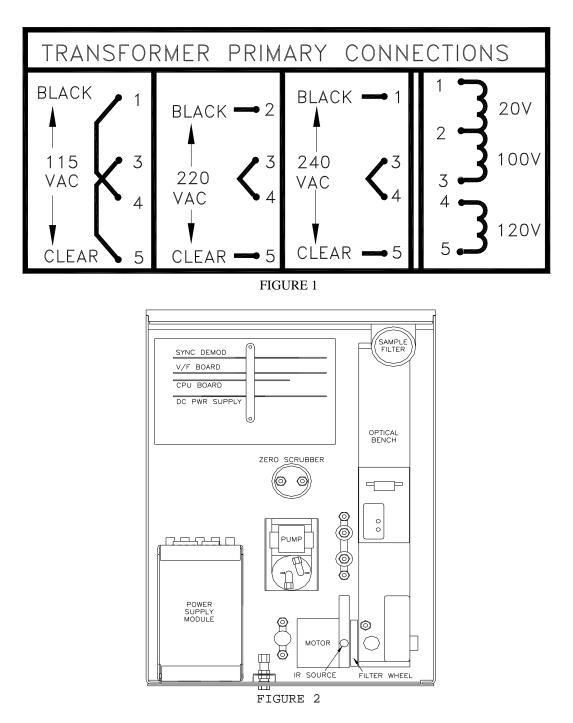
- 1. Remove power from the instrument.
- 2. Remove top cover from the instrument.
- 3. Locate the Synchronous motor (Figure 2); disconnect the connector from the motor to the wiring harness. Install the KIT000149 (60HZ capacitor) between the motor and the wiring harness.
- 4. Locate the pump. Refer to the Diagram below:



- 5. Change the wires on the tabs to the proper position. Tabs 1 to 2 for 60HZ.
- 6. Locate the V/F board. Change the B15 Jumper from 50Hz to 60Hz.
- 7. Locate the power transformer inside the Power supply module. Follow Figure 1 on the next page and ensure that the transformer is set to 115VAC.

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8. Reconnect power to the instrument. The instrument is ready for use.

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