WARNING! Only qualified personnel should service or repair this device. This device should only be serviced/repaired by a qualified service technician who is proficient in the repair of electromechanical dental equipment and who understands the complexities and risks of working within the device and observes proper safety precautions.

WARNING – Electrical Voltage. This system is powered by high-voltage electricity. Like any other electrically powered device, if it is not used properly, it can cause electrical shock. Always plug the power cord into an electrical outlet with adequate fuse protection and proper grounding. In the event of a short circuit, grounding reduces the risk of shock by providing an escape wire for the electric current. Improper grounding of the unit can result in a risk of electric shock. Always unplug the unit before doing any service or repair to the unit.

PARTS INCLUDED

- Transformer

WIRE CONFIGURATIONS

Power Input to Transformer for 120 Volt Connection (Fig. 1, Fig. 2)

- Black Wire to Gray Portion of Terminal Block
- White Wire to Blue Portion of Terminal Block
- Brown and Orange Wires not used. Cap individual wires separately.

Power Input to Transformer for 230 Volt Connection (Fig. 1, Fig. 2)

- Black Wire to Gray Portion of Terminal Block
- Orange Wire to Blue Portion of Terminal Block
- Brown and White Wires twisted together and wire capped.

Power Input to Transformer for Dual Voltage 120/230 Volt Connection

- Black Wire to Gray Portion of Terminal Block
- Brown Wire to Black Portion of Terminal Block
- White Wire to Yellow Portion of Terminal Block
- Orange Wire to Blue Portion of Terminal Block

Power Outputs from Transformer (Fig. 3, Fig.4)

- 9 VAC: Blue Wires from Transformer (e.g. Fiber Optic Module)
- 22.9 (24 ± 10%) VAC: Red Wires from Transformer (e.g. Ultrasonic Module)
- 26.5 (28 ± 10%) VAC: Yellow Wires from Transformer (e.g. Certain Electric Motors)

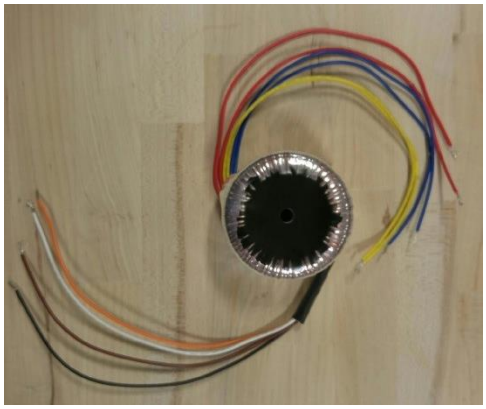

Fig. 1

Fig. 2
Installed Example

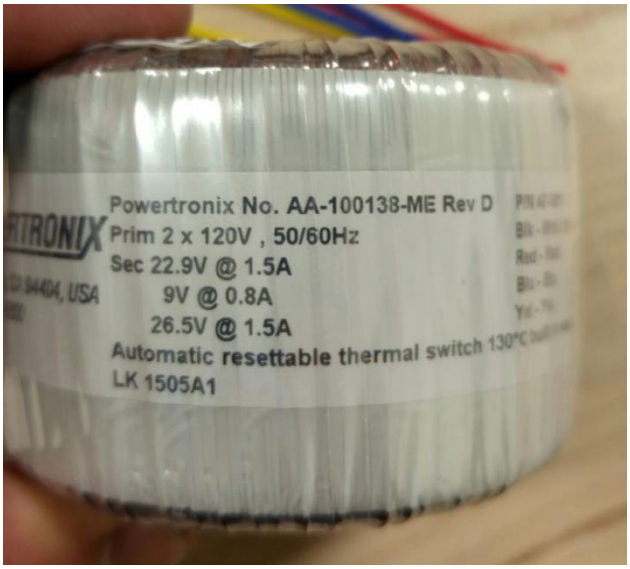

Fig. 3
Transformer - Output listing

Fig. 4
Transformer Wire Color Coding