OPERATING INSTRUCTIONS

JELRUS "AUTOMATIC DIGI-MELT FURNACE - UNIT BODY

8000 - NEW
8000 A - NEW

The Jelrus "Automatic Digi-Melt Furnace is designed to provide a convenient apparatus for melting metals in the beneficial reducing atmosphere of a graphite crucible - AND WITH AUTOMATIC CONTROL OF METAL TEMPERATURE.

A. ASSEMBLY AND INSTALLATION

To put into operation, connect line cord provided to the recessed plug inside of controller and to an AC power outlet corresponding in voltage to voltage on name plate.

B. MUFFLE REPLACEMENT

1. Remove 4 screws which hold protective screen on bottom of furnace.
2. Disconnect the wires from heating element. (DO NOT DISCONNECT THE WIRES FROM THE THERMOCOUPLE LOCATED IN THE CENTER OF THE HEATING ELEMENT).
3. Remove the 3 screws which hold the muffle unit to the base.
4. Reverse the above steps to install new muffle.

OPERATION OF DIGITAL CONTROLLER

1. Turn power switch on.
2. Push green button marked * and at the same time push the green button marked + to increase desired temperature or green button with - to decrease desired temperature.
3. Flashing lights on unit indicate when desired temperature is above, below, or at set point.
4. When green button marked * is pushed at any time the set temperature will flash.

* IMPORTANT: Avoid spilling any flux (such as Boric Acid) into the heating chamber.

REPLACEMENT PARTS:

#710 - 100V Replacement Muffle Heating Element
#710A - 220V Replacement Muffle Heating Element
#713 - Graphite Crucible