



Instruction Manual

ED0535





1. Technical Description

Heating Power:	6750 W
Motor Power (circulation fan):	0.37 kW
Supply Voltage:	3N~400/50 Hz
Max Temperature:	535°C
Inside Dimensions (WxHxD):	700x700x500 mm
Outside Dimensions (WxHxD):	950x1350x680mm
Weight:	180kg
Capacity:	450kg

EDO535 is designed to keep welding rods protected from moist. The cabinet is manufactured of stainless steel. The temperature can be set between 0 to 535°C. EDO 535 has a built-in heat fan unit which forces the air through the unit and circulates the air to eliminate stagnant air pockets. The temperature is controlled by a digital controller with a built-in timer for drying time.

There are two modes, HAND and AUTO. In HAND mode, the temperature is set between 0 to 535°C and the controller keeps the temperature until operator ends mode. In AUTO mode, temperature is set to 0-535°C (re-drying temperature) and drying time is set to 0.1-6553.5 minutes. When drying time ends, temperature falls back to approximate 100°C automatically. Drying time starts when the temperature has reached re-drying temperature. When not setting a time the heat remain constant until the machine is shut off.



2. Safety



- Remember that goods can be hot and can give serious burns if not handled correctly. Do not leave hot goods unattended without giving notice by marking with a sign or similar. Use gloves when handling the goods to avoid injury.
- The EDO 535 hardware and electronics must be supervised and repaired by skilled personnel (personnel with proper knowledge or certification). Ensure that the involved personnel receive an adequate operation education and maintain orderly modification routines (update or briefings about alterations made to the equipment and its operation).
- Connect cabinet to grounded socket only.
- The wrapping must be removed before placing the rods into the oven.
- Do not place cabinet in explosive or flammable areas.
- Don not place cabinet closer than 10 cm to wall or combustion materials.
- Protect cabinet from snow and rain when use outdoors.

3. Operation Instructions

The outlet air temperature is regulated by a digital temperature controller, BTC 9300.

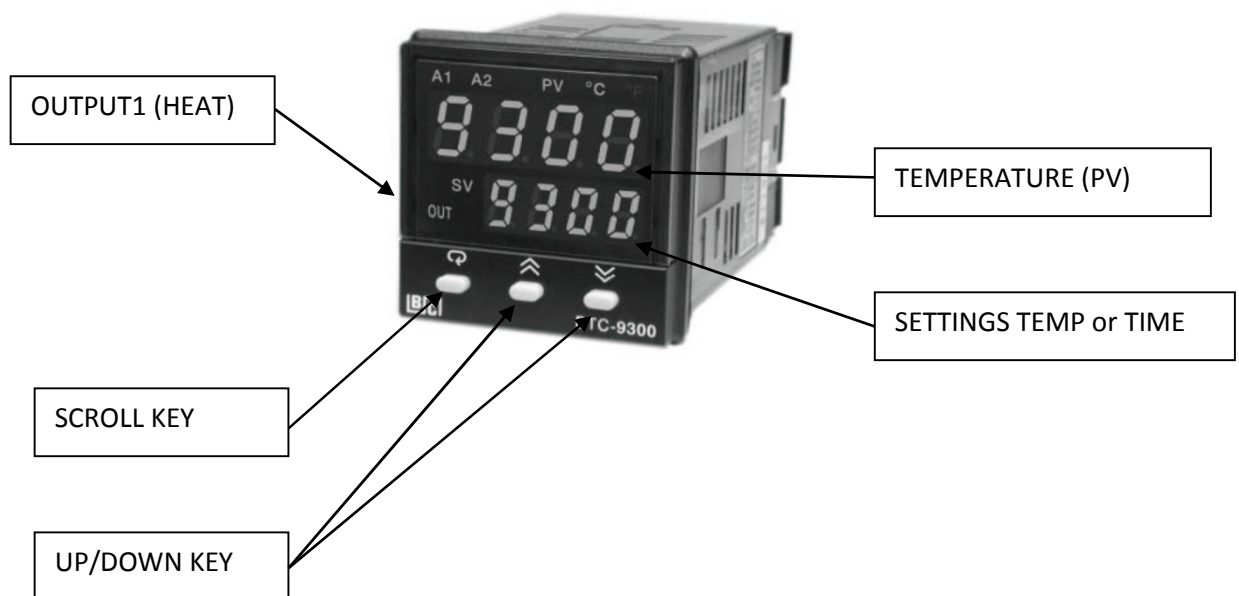
- Connect main power cable.
- Put “Main Switch” in position 1(ON).
- **Control fan wing rotation direction (see arrow)**. Exchange two power line connections to the unit if the rotation direction is incorrect.

Manual Mode

- Turn switch to HAND
- Set desired temperature on the temperature controller with arrow up/down to increase/decrease value. (Recommended temperature in manual mode is maximum 250°C)

Auto Mode

- Turn switch to AUTO
- Turn control switch to START until the controller is blank and then release it back to AUTO.
- Set re-drying temperature on the temperature controller with arrow up/down to increase/decrease value.
- Set drying time in minutes by pressing scroll key once. TIME appears in upper display. Lower display shows time. Select 0.1-6553.5 minutes by pressing up/down key.
- The indicator A1 is lit when the drying time has run out.



Left symbol “Scroll Key” is also used for configuring regulator parameters. **Observe great caution** when changing unit parameters. Incorrect programming (setup) can cause unit malfunction, incorrect temperature, or damage to the controller components.