



# Instruction Manual

## EDO and SDO 400

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## 1. Technical Description

	EDO 400	SDO 400
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<b>Supply Voltage:</b>	3N~400V / 50Hz	1~230V / 50Hz
<b>Power:</b>	4200W / 6A	2000W / 8.5A
<b>Max temp. :</b>	400°C	400°C

<b>Inner Dim WxDxH:</b>	700x500x700 mm	400x500x500 mm
<b>External Dim WxDxH:</b>	830x650x1210 mm	520x630x880 mm
<b>Weight:</b>	160kg	70kg
<b>Capacity:</b>	300kg	120kg

EDO400 and SDO400 are designed for re-drying of welding electrodes. The cabinet is manufactured of stainless steel. Temperature can be set between 0 and 400°C and 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 can be set between 0 to 400°C without timer function. In AUTO mode the temperature can be set to maximum 400°C (re-drying temperature) and drying time (ASP1) 0-3600 minutes. When the drying time ends, the temperature automatically falls back to approximate 100°C. The 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 that they 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 and SDO 400 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 the cabinet from rain and snow when use outdoors.



### 3. Operation Instructions

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

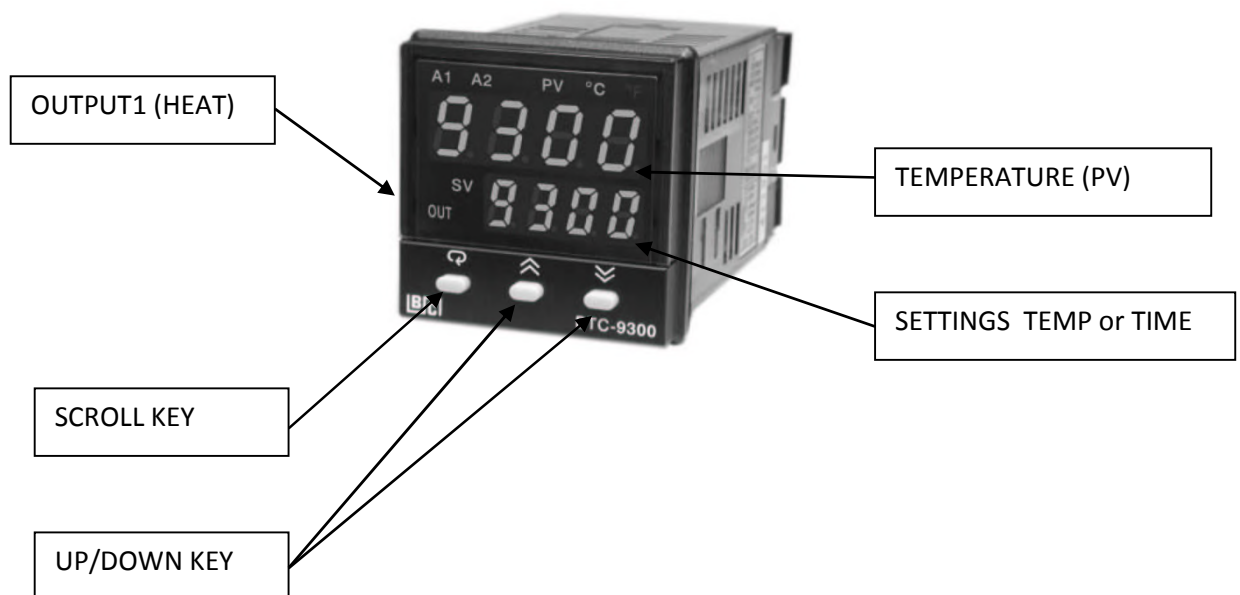
- Connect main power cable.
- Put "Main Switch" in position 1(ON).

#### 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 key 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.