

!PLEASE READ FIRST!

SAFETY INSTRUCTIONS

- Please follow all Health and Safety rules and regulations for works with hot objects.
- Make sure that the door is closed properly. Be aware again that the kiln has a secure switch under the door that disconnects this kiln from its power supply when door is open.
- Do not leave the kiln to cool down quick by opening the door to avoid small cracks inside the chamber.
- This kiln should be positioned on a heat resistant surface. A masonry or concrete. Floor is recommended, but other protective material like metal or ceramic top may be used.
- Always use heat resistant gloves and tweezers to remove firing objects from the kiln.
- The kiln should be kept away from all inflammable materials such as curtains and shredded paper etc.
- Never leave it unattended when the kiln is in use due to the high temperatures it can reach.
- KEEP OUT OF REACH OF CHILDREN.
- Do not heat the kiln continuously for more than 8 hours. 90% of standard heating/firing processes take less than 2 hours.
- Disconnect the kiln from a power supply when it is not in use.

PRODUCT INTRODUCTION:

Kiln with a small chamber, single element and a digital temperature controller is especially designed to heat up all types of metals, clays, glass and enamels. The maximum working temperature inside the chamber is 950°C . The digital electronic controller of the kiln allows precision regulation of temperatures between 0 C and 950 C +/-1 C. The maximum temperature can be reached in approximately 100 minutes.

This plug-in 13amp table-top kiln is perfect for jewellery-making. You can work with many of the popular materials such as GlasClay, PMC silver clay, Accent Gold, Art Clay metal clays, BullsEye glasses, dichroic glasses, enamels, Image Transfer Solution, Metal Clay Veneer, Prometheus bronze clay, ProCopper clay, SilverEtch etc etc.

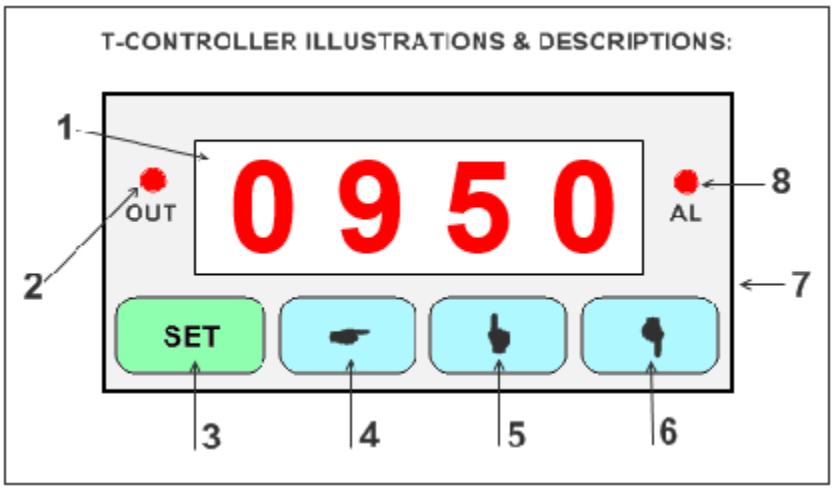
It has a safety switch, 13amp UK standard 3 pin socket and Digital Intelligent Temperature Controller.

240VAC (three square pins).

- Power - 1800 Watt
- Power cable – 1,0 Meter
- Equipped with a secure switch to cut the power supply off when door is open
- Easy to maintain. Made from high quality materials to include galvanized Steel, ceramic bricks and wool insulation.
- Internal chamber dimensions (mm) - 200 x 200 x 220 deep
- Maximum heating temperature -950 C
- Estimated heating time (950 C) - 100 minutes
- Easy-to-use latch toggle clamp handle
- Solid state relay to reach a precision temperature - +/- 1 C
- Weight - approx. 15kg.

FIRST TIME USE:

- Remove the kiln from its original packaging and connect it to the power supply.
- To prepare for work for the first time please heat up this kiln for approximately 10 minutes to allow water, oils etc. to evaporate from the (NOTE: light smoke or light smell is possible during the first heating). Now let the kiln to cool down and start you work. If the kiln is used less than once per month please repeat this process every time before the kiln is used.
- To open/close the door wear heat resistance gloves and pull latch toggle clamp.
- To switch the kiln put small electrical switch on the front panel to ‘ON’ position and a digital controller will start to show a room temperature where this kiln is placed.
- In order to work with lower temperatures the digital electronic controller needs to be set up according to the temperature you require.



TEMPERATURE CONTROLLER:

1. Temperature is displayed in Degree Celsius (°C).
2. Operational indicator operates during the heating process.
3. DO NOT PRESS. This Setting/Confirmation button is to be ONLY used for the setup of the controller’s parameters by the manufacture.
4. Segment’s selector is for auto tuning. Please note some controllers would have and "AT" button instead of an arrow.
5. Value decrement / preceding parameter is used to setup a required temperature.
6. Value increment / next parameter is used to setup a required temperature.
7. The T-controller.

8.* Some models would have two display screens. The lower screen would show target temperature and upper would show current temperature within the chamber. In this case please use button SET in order to change between the setting parameters.

TO SET A REQUIRED TEMPERATURE:

- Connect your kiln to a power supply and switch it ‘On’.
- Press keys ‘5’ or ‘6’ to get the temperature that is required. For example, if you already have a temperature of 557 °C on your digital controller and you want to increase this temperature to 950 °C then press '4' in order to choose a required digit to change then hold ‘5’ until 9 5 and 0 are displayed accordingly switching the digits through. If you already reached 950°C and want to lower the temperature to for example 771°C then repeat the same process using '4' and ‘6’ until 771 is displayed on the display.
- Release the button and wait for approximately 5 seconds. During that time the controller’s display will show the change of settings, and then will start to display a temperature within the furnace…
- Please do not put temperature higher than 999 C as kiln has a manufacturer secure setting against overheating.