

!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 1100°C . The digital electronic controller of the kiln allows precision regulation of temperatures between 0 C and 1100 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 Programmable up to 30 steps Temperature Controller .

240VAC (three square pins).

- Power - 2000 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 -1100 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
- Please always set first step to 20C for 15 minutes
- 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 an internal chamber temperature.
- 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. Controller allows to program time, power and temperature for up to 32 steps
4. Please mind that kiln cannot be cooled down by the controller, so please do not set much lower temperature immediately after high (e.g. kiln reached 950 C and 800C input as a next step in 30 mins).
5. The controller will display the measured temperature in the chamber in PV window and target temperature in the SV window.
6. The controller is programmed to start every time from the first period, however to change this setting press LEFT arrow and then using UP and DOWN arrows pick the required period. Press SET twice.
7. If for any reason in the middle of a period kiln needs to stop/hold for any time use buttons UP and DOWN to do that.

TO PROGRAM/REPROGRAM THE KILN:

- Connect your kiln to a power supply and switch it ‘On’.
- Press SET key and PV window will display C 0X (0X number of period), SV window display will display 0000 (period temperature).
- Using arrows UP DOWN and LEFT set required (target) temperature for the first period
- Press SET again PV window will display T 0X (0X number of period) SV window display 000 (time in minutes).
- Using arrows UP DOWN and LEFT set required time for the period.
- Press SET key and PV window will display C 0X (0X number of next period), SV window display will display 0000 (period temperature).
- Using arrows UP DOWN and LEFT set required (target) temperature for the next period.
- Press SET again PV window will display T 0X (0X number of next period) SV window display 000 (time in minutes).
- Using arrows UP DOWN and LEFT set required time for the period
- The kiln allows to be programmed up to 32 periods, please follow the same procedure in order to program the rest steps if any of periods are unused, please set time as 0.