

# HS-360T

## SPECIFICATIONS

Max Temperature	600°F (316°C)
Input Voltage	120V
Hz	60
Amp Circuit Required	15 Amp
Power	400W
Controller	Timer/Temp
Volume	360 in <sup>3</sup>
Internal Dimensions	6" wide x 6" tall x 10" deep
Max Ambient Temperature	95°F (35°C)

# HOT SHOT®

The Hot Shot 360T Oven is a state of the art, table-top, heat treating oven capable of reaching and holding temperatures up to 600°F.

## IMPORTANT SAFEGUARDS

### READ ALL INSTRUCTIONS

#### POTENTIAL HAZARDS

- **Electrical shock hazard** – unplug the kiln from the electrical service before cleaning or servicing
- **Burn hazard** – Always wear protective clothing, gloves, and eyewear when working around the kiln. Use special care when opening a hot kiln as the escaping heat can cause severe burns. Keep unsupervised children away from an operating kiln
- **Fire hazard** – Do not place the kiln on a combustible surface. Allow at least 3 inches of airspace around the kiln and do not store any flammable or combustible materials nearby

Fumes and/or smoke may be present during the kiln break-in period or during heating of certain materials. Be sure to provide adequate ventilation

Locate the kiln in a covered but well-ventilated area. Do not operate the kiln outdoors or in wet conditions

#### CLEANING

The inside of your kiln can be vacuumed using a soft brush attachment to remove dust and debris. A vacuum with a HEPA filter is recommended. The outer surfaces can be wiped clean with a damp cloth or sponge. Do not use harsh cleaning chemicals on the painted surfaces of the kiln.

#### USER MAINTENANCE

The floor of your kiln is removable to allow for replacement due to wear and tear or to aid in set up of materials that will be fired in the kiln.

Servicing of any other components shall be done by an authorized Hot Shot Oven & Kiln service representative.

#### SAVE THESE INSTRUCTIONS

# HOT SHOT®

## HOT SHOT 360T ELECTRICAL FEATURES

- Novus 1030T timer/temp controller with factory presets.
- Failsafe overtemp manual reset thermostat.
- 40 amp rated SSR with convection heat sink.
- Kiln type "K" thermocouple.
- Door limit switch.
- Easy to read slant top control panel.
- Heavy Duty cord with 15 amp plug.
- Fully grounded control and oven shell.

## HOT SHOT 360T MECHANICAL FEATURES

- Dual layer air plenum for external heat management and precise temperature control.
- 20 Gauge 304 Stainless steel core construction.
- Powder coated exterior shell.
- Two-inch Kaowool insulation in door.
- 16 Gauge Kanthal A-1 heating element.
- 6H x 6W x 10D working chamber / 360 cu-in.

## HOT SHOT 360T PERFORMANCE

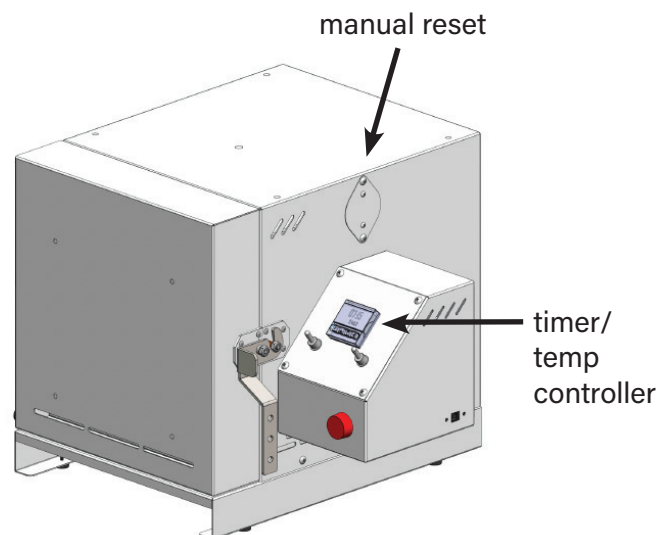
### Performance Features

- The Hot Shot oven is equipped with Cool-Touch Technology (patent pending). This provides a safe external temperature to allow for safer operation and protection of its surroundings.
- 120V 15-amp supply circuit required.
- 400-watt heating element/4 amp total oven load.
- 600°F/316°C max operating temperature.
- Ambient to 600°F/316°C in as little as 40 minutes (room temperature, empty oven).
- Maximum ambient room temperature of 95°F - (35°C).

## STARTING YOUR OVEN FOR THE FIRST TIME?

Please carefully remove all packing material from the inside of your oven. Visually check that the element hasn't been bumped or moved during shipping.

- DO NOT block any vents.
- Keep the back of the oven at least 3 inches away from a wall or other objects.
- Press "P" until "run" appears
- Change run command to "yes"
- Oven will heat up to 600°F
- Allow oven to run for 4-5 hours
- Allow oven to cool slowly with the door closed
- The oven is now ready to use





Your heating element is made from Kanthal Ni-Chrome wire, allowing cold air to enter a hot oven will harden your element and make it become brittle. Never use compressed air or fans to force cool the oven, always close the door and let the oven cool on its own, this will keep your heating element annealed.

Our cool touch technology should keep the outer surface within 20°C of room ambient temperature.

## SAFETY RECOMMENDATIONS

1. Do not use an extension cord.
2. Install on a 15 amp 120V circuit.
3. Do not use the oven to cure paint or any other solvent borne products.
4. Do not use the oven for powder coat.
5. Use in a well ventilated area.
6. Wear protective clothing and protect thyself from burns.
7. Turn off the "heat enable" when loading/unloading parts.
8. Do not unplug the unit till it has fully cooled down.
9. Do not EVER put magnesium in the oven.
10. Do not exceed 600°F.
11. Do not block any vents
12. Keep the oven at least 3 inches from any wall or obstruction.
13. In the event the oven overheats, the oven will automatically shut down. Please contact our office at 262-361-4912 to work with our team on resetting your oven if shut down occurs.

## READY TO PROGRAM YOUR CONTROLLER NOW?

N1030T controllers only

From the main start up screen, press "P" to cycle through time and run-hold options.

Press "P" once for timer display, twice for "T1" timer set, third time is run option.

On the "run" screen select "yes" to run hold, "no" to remove run command or "F" to enable the function key.

Once you have enable the "F" key, push and hold the F key for a 3 count, run command will applied and controller will run for the amount of time set on "T1", when this timer reaches zero value, the run command is removed from the controller.