

Kaname Rotary Burnout Furnace

* Maximum and Protected Burnout Temperature -950 °C

This overheat protected temperature makes the furnace perfect for casting stone in place, gold, silver, platinum and also compatible for resin casting.

* Separate Door for Upper and Lower sections

Reduced the cooling of the mold by 68% (at 600 degrees) making it possible to control the temperature of the mold more accurately during casting.

* Heat Distribution Control

There is minimum difference between the heater and chamber, this results in even distribution in the flask thereby giving equally good burnout from top to bottom of the casting tree irrespective of the location of the flask in the furnace.

* Separate thermocouples for upper and lower tables

* Eliminated Afterburner fan

Structural changes made to reduce smoke and odour without afterburner fan.



Specifications

Power supply	AC 380 V \pm 10% (15 kVA) 50/60 Hz
Power consumption	Main heater: 13.3 kVA (380 V) Afterburner (AB): 3.7 kVA (380 V)
Temperature setting range	0 - 850 °C (maximum operating temperature) 32 - 1562 °F (maximum operating temperature)
Minimum temperature display unit	1 °C (2 °F)
Rotational position of rotary tables	1 - 48
Operation steps	12 steps
Number of memories	20
Maximum permissible height of flask	230 mm
Number of flask that can be set up	H 250 mm x ϕ 130 - 21 H 230 mm x ϕ 100 - 37
Number of tables	2
External Dimensions (W x D x H)	895 x 1023 x 1800 mm
Weight	About 460 kg



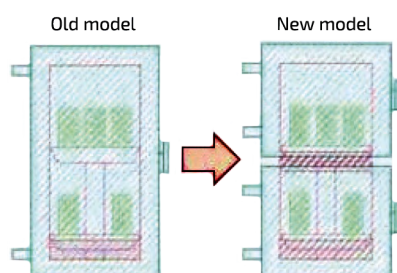


	EBF-L (Old Model)	Kaname RBF (New Model)
Door	1 Door	2 Door
Electrical box	Side of the body	Under the body
Foot switch	Attached	Not attached
Afterburner fan	Attached	Not attached
Overheat prevention	Attached	Option
AB bobbin heater position	Upright	Sideways
Burnout step	8	12
Thermocouple position	Between the tables	Next to each table

2 Door

By dividing the door from one to two, the upper and lower doors open and close during casting to allow air to enter the furnace.

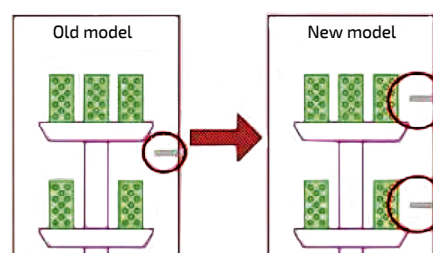
This makes it possible to control the temperature of the mold during casting more accurately.



Thermocouple

In the old model, the thermocouple was placed between the upper and lower tables.

In the new model, a thermocouple is installed next to the mold on the upper and lower tables so that the temperature can be measured as close to the mold as possible.



Program & Logging

By increasing the number of steps from 8 to 12, it is possible to set the user's ideal program. The set value, current value, and current value of the burnout program are measured and recorded, and can be downloaded to a personal computer. AB ON / OFF can be set for each step.

Afterburner Fan

Structural changes have been made to reduce smoke and odour without afterburner fan.

By eliminating afterburner fan, the problem that odours pass through the afterburner quickly was improved.