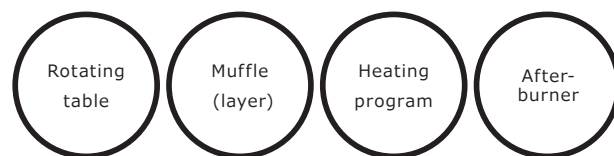


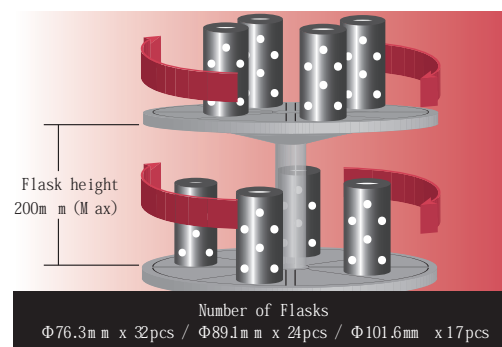
# High quality casting requires a high quality mold



## Programmable Rotary Burnout Furnace TFL-6400



### Rotating table



With a rotating table, an air flow is created, thus evenly heating everything in the furnace. And with a rotating dial letting you know the positions of the molds, time with the door left open is minimized.

### Muffle (layer)



By having a muffle layer between the heater and the molds, the heat is more evenly distributed in the chamber, and the molds are perfectly heated. The muffle prevents steam from sticking to the heater, thus reducing the stress and damage to it. This reduces the amount and frequency of maintenance needed to be done, so you can use the furnace for a much longer time.

High quality casting depends on high quality molds. Our furnace provides you all the means of making the best quality molds. TFL is eco-friendly, minimizing the smell of exhaust with its after-burner.

### Repairable body

After using the TFL-6400 for a long time, when repair becomes necessary, you can replace components individually and minimize costs required. For example, all door components can be individually replaced.

### Heating program

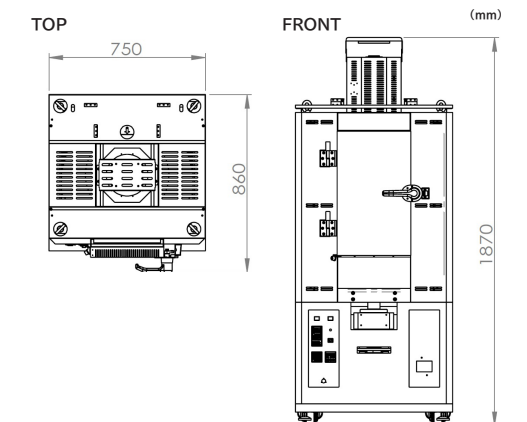
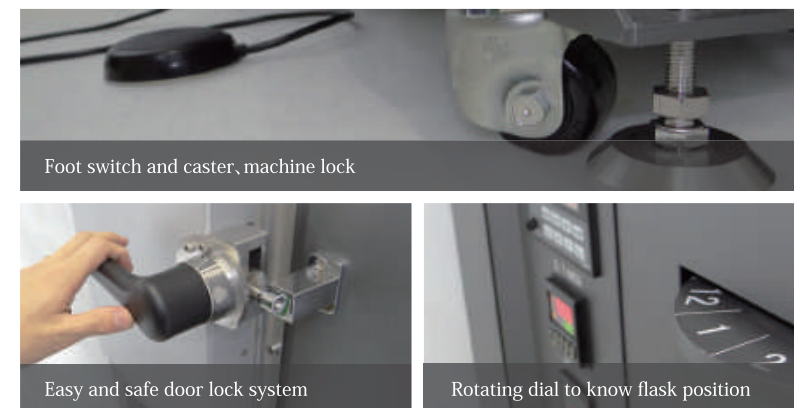
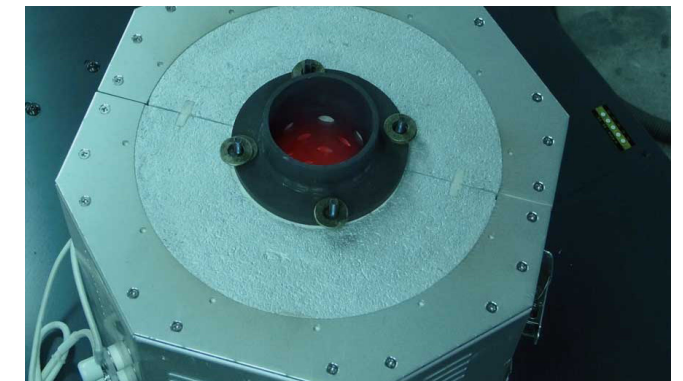
The heating program can be set to a maximum of 256 steps, allowing for highly-detailed operation. As an option, you can connect the furnace to your PC to record the actual heating process, so that you can analyze and improve your process.

### After-burner

Our furnace comes with an after-burner at no extra cost. This almost completely eliminates the smell of burnt wax. The operation of the after-burner is synchronized with the furnace, so it starts running just as the wax fumes begin to come out. Attached to the exhaust system is a custom-made filter which makes the afterburning odor-free and more eco-friendly.

### Heater

The heater unit is made of a unique material which allows the furnace to both heat up and cool down quickly. You can't then move on to the next task quickly without needing to wait for the furnace to cool down. Also, the heating unit of this furnace is replaceable. Just by removing the side panel, you can replace it yourself without needing to request maintenance.



### SPEC

P o w e r	AC200V 3ph 50/60Hz 13kVA
S i z e	750(W) × 860(D) × 1870(H)mm *with after-burner
W e i g h t	315kg
H e a t e r c o n t r o l	ON/OFF PID
H e a t e r p a r t i t i o n	Muffle (heat-resisting material)
S e n s o r	K (Inconel)
T a b l e	Φ400 x 2
Max mold numbers	Φ76.3mm:32pcs Φ89.1mm:24pcs Φ101.6mm:17pcs
Max height of mold	200mm (MAX)
S a f e t y f u n c t i o n s	Over heating protection, Door sensor
A f t e r - b u r n e r	Synchronized with furnace
P r o g r a m	256steps / * Initial setting 16steps x16 patterns
O p t i o n	Data logger (program control)