

Oncel Rotating Dewaxing Burnout Furnace



ONCEL

Rotating Burnout / Dewaxing Furnace has been developed with 25+ year experience in jewellery casting equipment, under deep metallurgical knowledge and engineering principles.

The furnace has been engineered to solve the weak points of world known manufacturers.

Main advantage of furnace is high energy efficiency and temperature uniformity during whole operation. Heater capacities and locations are perfectly calculated and settled with detailed calculations and modelling.

This design prevents non-homogeneous or overheating of asks, also do not let any damage to heaters or chamber by non-qualified workers.

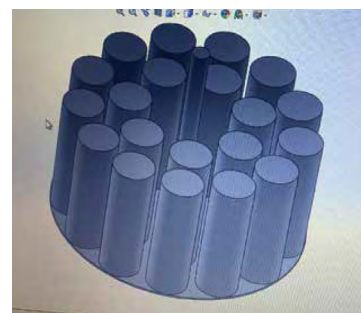
The chamber body is made of special high temperature resistant stainless steel.

A standard burnout operation can be done within 30-50 % lower energy of competitor furnaces.



Technical Specification

Flask capacity	28-40 (dia. 100 mm x h:300 mm)
Flask height	up to 300 mm
Heating power	10 kW, (15 kW as option) T Max : 800 °C
Power supply	380 V 50 Hz, 3 phase , 5 cable input
Design	Energy saving high insulation design
Heating chamber	High temperature grade heating chamber
Heating method	Hidden heaters, allows whole chamber to act as heating element and prevents heater deformation during operation
Control	Touchscreen HMI interface with 20 step recipe control
Timer	AutoSchedule timer function
Exhaust control	Pneumatic exhaust control
Over temperature protection	Standard
Number of rotating tables	Standard 2 floor rotating table for uniform heating
Table position control	Table position control on HMI
Automatic exhaust valve	Standard
Door control	Pneumatic Auto Door with pedal control
Dimensions	1150 x 1200 x 2000 mm



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