

Batch-type Rotary Tube Furnace (B-RTF)

This equipment bakes various types of powder such as metal and ceramics in oxidizing, reducing or inert gas atmosphere.



features

- Is best suited to powder, retention time of which is long.
- Vacuum pumping completes gas purge quickly and short-term air cooling system shortens cooling time.
- kiln action attains uniform heat treatment.
- Reducing atmosphere gas is safely treated with the exhaust gas combustion unit.

[Specifications]

Model	B-RTF
Operating temperature	Max. 1,000℃ Nor. 800℃
Furnace core tube	SUS310S
Uniform heating area	±5℃(at 800℃)
Atmosphere	Atmospheric air, N2, H2
Capacity	50 L per batch
Ultimate vacuum	x 10 pa
Tube rotation frequency (variable)	0.4 ~4 rpm
Heater	Fe-Cr-Ni metal heating element
Power requirements	3φ 200V 35KVA
Dimensions for installation	2,500W×4,000D2,000H
Option	Exhaust gas combustion unit, Hydrogen detector, Oxygen content meter