

# Ultrahigh-speed high temperature melting furnace (RMF)

This quick melting furnace with rapid heating was developed as a convenient tabletop type furnace, used to melt metal, glass, etc. The furnace incorporates a muffle, minimizing damages to heaters and refractories caused by scattering of melt, vapor or any other relevant causes.



## Features

- Rapid heating and rapid cooling
- Can be used in protective atmosphere.
- Is of compact structure since furnace main body and control unit are integrated into a single unit.

## 【Maintenance】

- Heater: Heater is of cartridge type, contributing to easy and quick heater replacement.
- Insulating material: It has special structure design, allowing easy and rapid maintenance.
- Control system: Control system is housed and displayed on the same surface, resulting in easy management of maintenance.

## 【Standard Specifications】

Model		RMF-1
Temperature range		1650℃
Input electric power source		1φ 200～220V
Rated electric power source		3KVA
External dimensions	Height	530
	Width	560
	Depth	300
Internal dimensions	Height	75
	Depth	φ40
Time required for heating (to 1600℃)		8 minutes
Atmosphere		Protective atmosphere
Heater		Molybdenum disilicide MoSi2
Control method		P.I.D SCR control

- Temperature controller is equipped with program controller.
  - It is also possible to connect to a computer for centralized control.
  - Large-scale furnaces are also available. Please contact us for details.
- ※The above-stated specifications may change due to improvements etc.