







MUFFLE FURNACE OVERVIEW

Common Features

- Operating Temp. Range 100~1150°C
- Excellent heat tightness with a firmly sealed chamber door
- Upgraded with long life R-thermocouple sensors
- Safety features include self-diagnostic functions, calibration off-set, key lock function, auto recovery after power failure, earth leakage breaker and automatic overheat prevention device

Unique Features

	FO Series Standard Muffle Furnace 	FP Series High Performance Muffle Furnace 
Controller	Easy to use controller	High accuracy controller for better operability and visibility
Temp. control accuracy	±2.0°C (at 1150°C)	±1.0°C (at 1150°C)
Max. temp. reaching time	60~80 mins (depending on the model)	80~90 mins (depending on the model)
Program operation	maximum of 6 patterns: 30 steps x 1 pattern, 15 steps x 2 patterns or 10 steps x 3 patterns	maximum 99 steps, 99 patterns, repeat operation
Capacity	Wider selection to choose from (11 models) with inner capacity of 1.5L to 30L	Four models to choose from with inner capacity of 1.5L to 11.3L
Chamber	High quality alumina porcelain hot plate where heater is exposed to the inner chamber (heater must not be exposed to halogen elements to avoid heater corrosion)	High quality alumina porcelain hot plate where heater is not exposed to the inner chamber (preventing contamination of samples)
Other features	Designed with communication port (for CR models)	Additional safety feature: independent overheat prevention device. Additional functions: power on and operation time integrating function (up to 65,535 hours); calendar timer (24 hrs.); power consumption, total CO ₂ emission, and heater operating output; and save and access of operator's setting information.
Interior		
Control panel	