

SINCE 1889

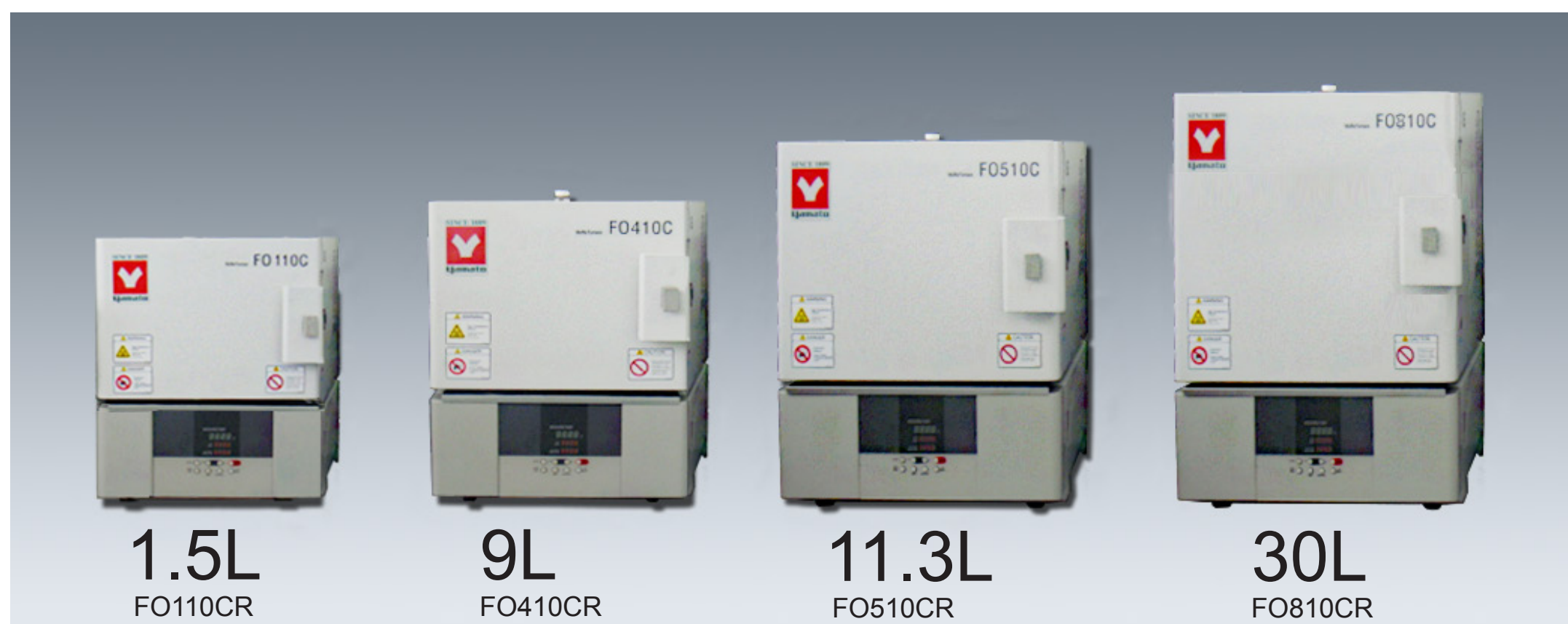


# STANDARD MUFFLE FURNACE

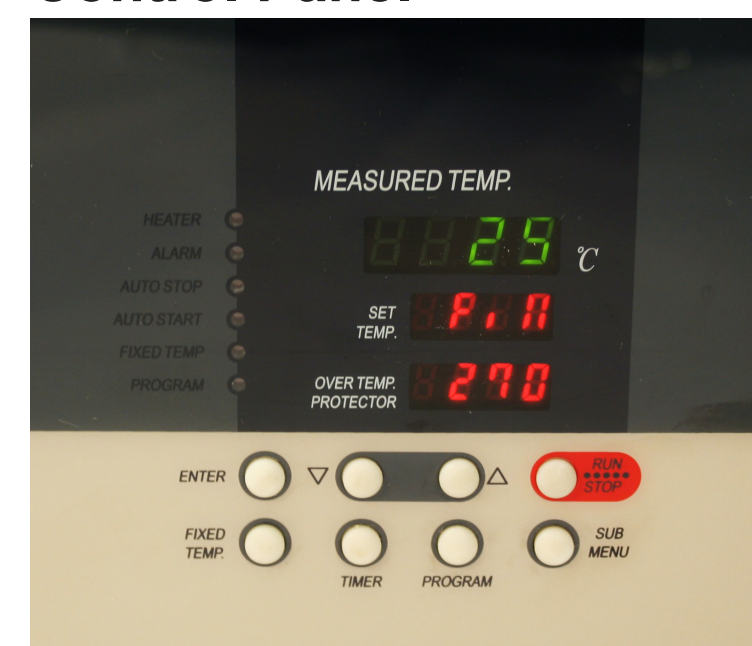
## FO Series

Yamato muffle furnaces feature easy programming and excellent consistency and repeatability

### Features

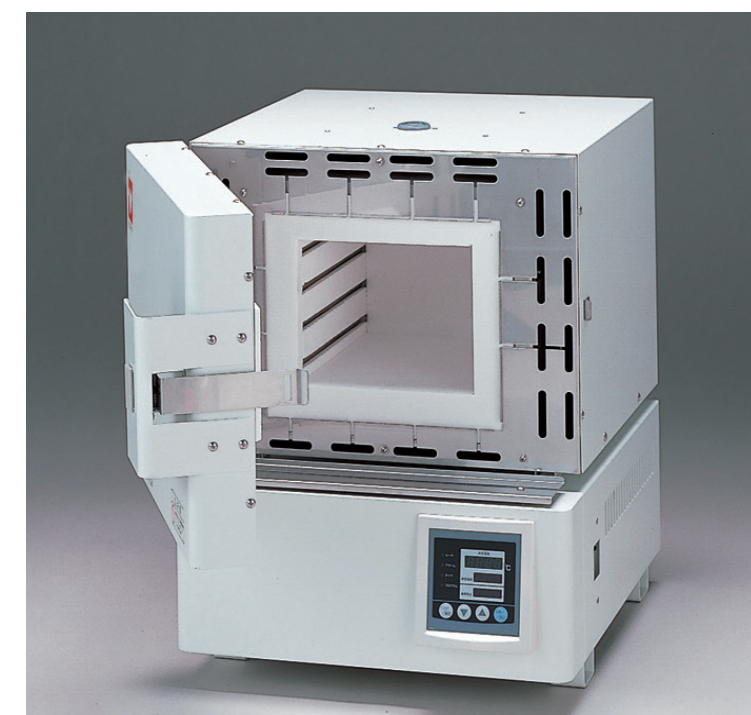


### Control Panel



- Wide selection of space-saving compact units with maximum inner capacity
- Easy to use controller
- Excellent heat tightness with a firmly sealed chamber door
- High temperature accuracy at  $\pm 2.0^{\circ}\text{C}$
- Program operation of maximum of 6 patterns: 30 steps x 1 pattern, 15 steps x 2 patterns or 10 steps x 3 patterns
- Upgraded with long life R-thermocouple sensors
- Designed with communication port
- Option for  $\text{N}_2$  purge

### Interior



### Specifications

Model	FO100CR/110CR	FO200CR/210CR	FO300CR/310CR	FO410CR	FO510CR	FO610CR	FO710CR	FO810CR
Operating temp. range	100 to 1150°C							
Temp. Control Accuracy	$\pm 2^{\circ}\text{C}$ (at 1150°C)							
Max. Temp. Reaching Time	~60min.		~70min.		~80min.			
Heater	1kW	1.5kW	2kW	2.2kW	2.5kW	3kW	3.5kW	4kW
Internal Dimensions (W×D×Hmm)	100×150×100	100×250×150	200×250×150	200×300×150	250×300×150	250×350×200	270×350×250	300×400×250
Internal capacity	1.5L	3.75 L	7.5 L	9 L	11.3 L	17.5 L	23.6 L	30 L
Power source 50/60Hz	AC115V/220V 10A/5A	AC115V/220V 14.5A/7.5A	AC115/220V 19A/9.5A	AC220V 10.5A	AC220V 12A	AC220V 15A	AC220V 18A	AC220V 20A
Weight	~24kg	~30kg	~37kg	~38kg	~44kg	~52kg	~58kg	~62kg