



## PRODUCT BULLETIN

**SEPOR, INC.**  
 718 N. FRIES AVE.  
 P. O. BOX 578  
 WILMINGTON, CA 90748  
 PHONE: 310-830-6601  
 FAX: 310-830-9336  
 Web Site: <http://www.sepor.com>

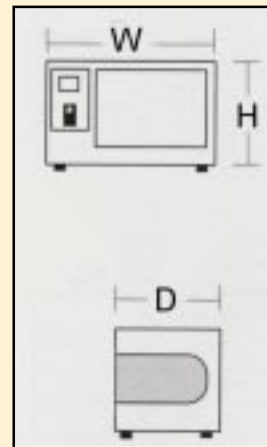
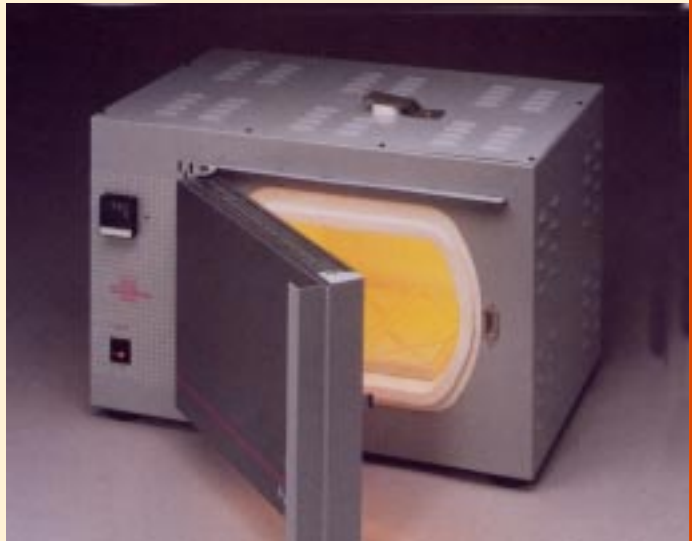
# LABORATORY MUFFLE FURNACE - 100 - 1,200 °C (212 - 2,192 °F) Series 4700

### APPLICATIONS

- Drying and firing of coatings.
- Heat treating ceramics and tiles.
- Drying and firing decorations on glass.
- Heat treating glass.
- Ignition tests.
- Gravimetric analysis.

### BENEFITS

- Oval-shaped heating element is directly embedded in ceramic fiber insulation for even heat distribution throughout chamber.
- Ventilation port in top of furnace permits venting of some corrosive vapors and smoke from the chamber.
- Fluorescent digital display permits easy viewing of setpoint and chamber temperature in °C and °E
- Adjustable Over temperature Protection (OTP) setting protects furnace or chamber loads from excess heat.
- Self-tuning function allows the control to adjust or "tune" itself for superior temperature accuracy
- For safety, the door switch cuts power to the heating elements when the door is opened.
- Thermocouple break protection cuts power to the heating elements, prevents thermocouple failure and runaway condition.



Dimensions of 4700 Series Muffle Furnaces

Model #	Electrical (50/60 Hertz)			Operating Range Temp		Temp Control Group
	Volts	Amps	Watts	°C	°F	
F47915	120	8.3	1000	100-1200	212-2192	A
F47918	208	3.9	810	100-1200	212-2192	A
F47910	240	4.2	1000	100-1200	212-2192	A
F47925	120	8.3	1000	100-1200	212-2192	B
F47928	208	3.9	810	100-1200	212-2192	B
F47920	240	4.2	1000	100-1200	212-2192	B
F47925-80	120	8.3	1000	100-1200	212-2192	C
F47928-80	208	3.9	810	100-1200	212-2192	C
F47920-80	240	4.2	1000	100-1200	212-2192	C
F47955	120	8.3	1000	100-1200	212-2192	D
F47958	208	3.9	810	100-1200	212-2192	D
F47950	240	4.2	1000	100-1200	212-2192	D

Type	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Weight Lbs (kg) Ship	Chamber Cubicn.(L)
	W	H	D	W	H	D		
F47900	5 (13.7)	4 (10)	6 (15)	11.3 (28.5)	18.5 (47)	22 (56)	41 (18.5)	120 (2.0)