



## MUFFLE FURNACE

Standard: EN 196-2, EN 12390-2, EN 1367-1

### Drying Sample

The NL Muffle furnaces are general purpose laboratory and heat treating furnaces. Designed for high temperature heating's. Structure made in sheet-steel, furnace frontal in die casted steel to avoid the aggression of the acid smokes. The laboratory furnace is intended for analysis of various materials and fo different kinds of thermal treatment at a temperature from 1000°C up to 1300°C, complete with programmer for setting temperature ramp.

### Technical Specifications :

Model Number	NL 1011 X / 005	NL 1011 X / 006	NL 1011 X / 009	NL 1011 X / 010
Max. Temperature	1300°C	1200°C	1300°C	1000°C
Alternate Code	JK-SX2-6-13N	JK-SX2-5-12N	JK-SX2-8-13N	JK-SX2-4-10N
Capacity	4 litres	7 litres	18 litres	7 litres
Furnace Chamber & Structure	Ceramic chamber with powder coating for external casing			
Temperature Control	PID Control with 30 segments programming			
Heater Type	Silicon Carbide Heater	Nichrome Heater	Silicon Carbide Heater	Wire Coil Heater
Working Space (mm)	150(W) x 100(H) x 250(D)	200(W) x 120(H) x 300(D)	200(W) x 180(H) x 500(D)	200(W) x 120(H) x 300(D)
Product Dimension (mm)	700(L) x 575(W) x 780(H)	750(L) x 750(W) x 900(H)	800(L) x 570(W) x 910(H)	750(L) x 750(W) x 900(H)
Power	240 V, 50/60 Hz, 28A, 1 Ph, 6kW	240 V, 50/60 Hz, 22A, 1 Ph, 5kW	415 V, 50/60 Hz, 20A, 3 Ph, 8kW	240 V, 50/60 Hz, 18A, 3 Ph, 4kW
Approx. Weight	100 kg	100 kg	160 kg	100 kg

### Unit Consist of :

Model Number	Accessories Description	Qty
NL 7042 X / 003	Crucible Tong 300 mm long	1 pc
NL 7037 X / 001	Heat Resistance Glove (Asbestos)	1 pair

\* 1 copy of instruction manual