



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 for 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 / 011
Max. Temperature	1300°C	1200°C	1200°C
Alternate Code	JK-SX2-6-13N	JK-SX2-5-12N	JK-SX2-15-12N
Capacity	4 litres	7 litres	70 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	Nichrome Heater
Working Space (mm)	150(W) x 100(H) x 250(D)	200(W) x 120(H) x 300(D)	400(W) x 500(H) x 350(D)
Product Dimension (mm)	700(L) x 575(W) x 780(H)	750(L) x 750(W) x 900(H)	930(L) x 900(W) x 740(H)
Power	220 - 240 V, 50/60 Hz, 28A, 1 Ph, 6kW	220 - 240 V, 50/60 Hz, 22A, 1 Ph, 5kW	380 - 415 V, 50/60 Hz, 20A, 3 Ph, 8kW
Approx. Weight	100 kg	100 kg	150 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

Copyright 2025 NL Scientific Instruments Sdn. Bhd. All Rights Reserved. Revision 1 (All information in this catalogue only for customer's reference and not for quotation. Design and dimension maybe change without prior notice.)