

**Product Name :**  
Muffle Furnace

**Product Code :**  
NLAB-EDUSCHOOLEQ45007



**Description :**

Muffle Furnace

**Technical Specification :**

Operation Temperature:- 1100.C ( 1200.C Max for short time).

Maximum energy efficiency is achieved by surrounding the chamber with thermal-efficient alumina fiber ceramic insulation.

Three sides resistance wire coil for fast and uniform heating.

Heavy duty double layer structure with cooling fan.

Lower temperature in outside case.

0.5" diameter observation window made of quartz glass allow user to see insider chamber during heating operation.

K type thermocouple installed for immediate use.

Temperature controll unit can be separated from furnace , and make moving at easy.

PID automatic control via current limiting phase angle fired the resistor , e.g. SCR ( Silicon Controlled Rectifier)

Sample size: 200x200x200mm (WxHBTI)

Detailed Description:

Chamber size

200x200x200mm(WxHBTI)

Max.Temperature

1200C

Working temperature

1100C

Temperature accuracy

+ 1.C

Temperature controller

30 segments programmable and auto control

Heating elements

Ni-Cr wire

Voltage

220V 50HZ, single phase

Power

4kw

## Naugralabequipments

**Website:** www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

**Address:** 6148/6, Guru Nanak Marg,Ambala Cantt,Haryana,India. **Phone:** +91-9896600003