

## AL01-41-100 Muffle Furnace 8,2 liter, 1100°C

### Features:

- Muffle furnaces designed for **materials testing, heat treatment, ceramic and stoneware samples firing.**
- The furnace can be used **in laboratories, educational institutions, ceramic studios and industrial laboratories.**
- High thermal efficiency
- Vacuumed ceramic fibre chamber
- Heating elements are embedded in fibre,
- High quality thermos insulation materials
- Microprocessor temperature controller
- PID electronic regulator, double digital display reference temperature and measured temperature.
- Door safety interlock switch
- Ceramic bottom plate
- Fast heating time
- Low power consumption
- Good stability and uniformity



### Technical specification:

Useful volume (litre):	8,2
Rated power not more then:	1,8 kW
Continuous operating Temperature °C:	1100 °C
Maximum temperature:	1100 °C
Working chamber material:	Fibre muffle
Temperature uniformity in working space °C:	± 1
Temperature stability in working space °C:	± 10
Maximum Heating up time (without charge):	50 minutes
Exterior dimensions W x D x H (mm):	440 x 620 x 510
Chamber dimensions W x D x H (mm):	200 x 300 x 133
Net weight:	28 kg
Total weight incl. packaging:	approx. 39 kg
Dimensions unit incl. packaging W x D x H (mm):	700 x 520 x 570
Voltage(nominal +/-10%) 50Hz (V):	230