

## AL01-42-100 Muffle Furnace 13 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:

<b>Useful volume (litre):</b>	13
<b>Rated power not more then:</b>	1,8 kW
<b>Continuous operating Temperature °C:</b>	50 - 1100 °C
<b>Maximum temperature:</b>	1100 °C
<b>Working chamber material:</b>	Fibre muffle
<b>Temperature uniformity in working space °C:</b>	± 1
<b>Temperature stability in working space °C:</b>	± 10
<b>Maximum Heating up time (without charge):</b>	50 minutes
<b>Exterior dimensions W x D x H (mm):</b>	500 x 670 x 550
<b>Chamber dimensions W x D x H (mm):</b>	230 x 350 x 180
<b>Net weight:</b>	38 kg
<b>Total weight incl. packaging:</b>	approx. 48 kg
<b>Dimensions unit incl. packaging W x D x H (mm):</b>	860 x 620 x 660
<b>Voltage(nominal +/-10%) 50Hz (V):</b>	230