

## Muffle furnace KL 03/11 – KL 15/12

T max: 1100 °C und 1200 °C  
 Volume: 3, 5, 9 und 15 liter

### Design:

- Strong, double-walled steel housing with coated surface, for corrosion protection, wear resistant and long service life
- Coated in RAL 7035 und RAL 7001
- Front frame made of stainless steel
- Adjustable feet

### Door:

- Double-walled hinged door, with integrated retaining spring
- With handle, wide opening and easy to operate

### Exhaust System

- Air inlet port for fresh air, with manually adjustable flap
- Exhaust pipe in the rear wall, connection for vapour vents

### Insulation:

- Double-walled casing with rear-ventilation to ensure low outer temperatures
- Insulation made of high grade ceramic fibre with low thermal mass for fast heating cycles and low energy consumption

### Heating:

- High quality heating wire, embedded in ceramic plates, therefore protected against fumes and mechanical damages, long service life

### Temperatur Control:

- Program Controller Eurotherm 3208 with 1 program with up to 8 segments

### Options:

- Program Controller Eurotherm 3508 and Eurotherm Nanodac
- Vapor vent, vapor vent LaboVent with fan and LaboKat with catalyzer
- Adjustable safety limiter to protect furnace and charge, accord. EN 60519-2
- Control Software Eurotherm iTools and RS 232, 485, Ethernet and USB-interface



Model	T max [°C]	Inner dimension [mm] Width x Depth x Height	Volume [l]	Outer dimension [mm] Width x Depth x Height	Power [kW]	Voltage [V]	Weight [kg]
KL 03/11	1100 °C	190 x 140 x 100	2,7	437 x 444 x 489	1,2	230 V 1/N	20
KL 05/11	1100 °C	240 x 170 x 130	5,3	487 x 462 x 519	2,4	230 V 1/N	35
KL 09/11	1100 °C	240 x 260 x 170	10,6	492 x 537 x 558	3,0	230 V 1/N	45
KL 15/11	1100 °C	250 x 370 x 170	15,7	499 x 648 x 558	3,5	230 V 1/N	50
KL 03/12	1200°C	190 x 140 x 100	2,7	437 x 444 x 489	1,2	230 V 1/N	20
KL 05/12	1200°C	240 x 170 x 130	5,3	487 x 462 x 519	2,4	230 V 1/N	35
KL 09/12	1200°C	240 x 260 x 170	10,6	492 x 537 x 558	3,0	230 V 1/N	45
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