



LEF-215P

These digital muffle furnaces have a maximum working temperature of 1200°C and are ideal for ashing organic and inorganic samples, heat treating metals, ignition test, gravimetric analysis and determination of volatiles.

All models have a programmable microprocessor PID controller which provides accuracy and reliability. Three program patterns can be entered with 16 segments. Auto on/off time setting function is also available.

The inside of the furnace is constructed from a moulded ceramic fibre insulation with an air jacked dual stainless steel case providing a compact working condition while keeping the outside of the unit cool even at high temperatures. Embedded heating elements installed in all sides provide a uniform heating level within the chamber and help protect against corrosive gas, water vapour and contamination.

Model	LEF-105P-2	LEF-115P-2	LEF-130P-2
Chamber Dims (WxDxH mm)	150x300x100	250x350x160	300x300x300
Overall Dims (WxDxH mm)	420x530x510	530x585x580	580x590x725
Controller	Microprocessor step program controller		
Capacity	4.5 litres	14 litres	27 litres
Temp. Max Range	100°C to 1200°C		
Time Required at 800°C	20 min		
Thermocouple	K-Type, CA Sensor		
Heater	Ceramic Fibre with built in heating wire. 4 side heating.		
Insulation	Ceramic fiber		
Heating Power	3000w	5000w	6000w
Power Supply	AC Single Phase, 220V, 50Hz		