

# Elevator Furnace



- Automatic operated elevator provides for smooth loading and unloading of samples by up and down movement

## Feature

**Durable Molded Ceramic Fiber Insulated Chamber**  
and air jacked double walled case provides for a compact and low external temperatures with high stability

**Embedded Heating Element**  
replaceable embedded heating elements installed in each sides provide for heat uniformity and a long life cycle

**Exhausted Gas Outlet Port Installed on the Top**  
remove corrosive gas, water vapor and contamination for protection from any hazardous materials

**Microprocessor PID Digital Controller**  
provides for accuracy and reliability, with timer function auto start on-off time and alarm system

### 10 Step Microprocessor Program Controller(Optional)

MODEL	LEF-503S-1	LEF-505S-1
Controller	Digital PID Controller	
MODEL	LEF-503P-1	LEF-505P-1
Controller	Microprocessor 10 Step Program Controller	
Dimensions Interior (W x D x H mm)	120 x 120 x 140	140 x 140 x 160
Dimensions Exterior (W x D x H mm)	390 x 480 x 550	420 x 540 x 570
Capacity	2.0 ℓ	3.0 ℓ
Heating Capacity	1.4kW	2.2kW
Max Temperature	1100°C (recommended to use 200°C below the max. temperature)	
Output Regulator	SSR unit control	
Thermocouple	K type CA Sensor	
Heating Element	Embedded Heat Plate	
Insulation	Vacuum Molded Ceramic Fiber	
Electric Supply	110V, 60Hz or 220V 1Phase or 380V 3 Phase, 50/60Hz	

Max. Temperature 1200°C Series (Max temperature 1050°C)		
MODEL	LEF-503S-2	LEF-505S-2
Controller	Digital PID Controller	
MODEL	LEF-503P-2	LEF-505P-2
Controller	Microprocessor 10 Step Program Controller	

Max. Temperature 1250°C Series (Max temperature 1150°C)		
MODEL	LEF-503S-3	LEF-505S-3
Controller	Digital PID Controller	
MODEL	LEF-503P-3	LEF-505P-3
Controller	Microprocessor 10 Step Program Controller	