



Microwave Furnace 1650°C

MODEL : MLB/MF-1650°C



Temperature Range	RT to 1650°C (Automatic) Programmable
Microwave output power	0.5 to 4.5KW - Continuously Variable
Microwave frequency	2.45GHz plus/minus
Temperature measuring Sensor	IR thermometer (Make : Impac/AST or Reputed Make)
Temperature measuring range	350°C to 1800°C
Temperature accuracy	±1°C at soaking time
Atmosphere system	Vacuum/Gas/Normal & Controlled Atmosphere
Max Sample loading space	75X75X75mm/100X100X100mm/ 150X150X150mm
Cooling	Air forced (Blower) or Water cooled
Vacuum pump	Rotary Pump (Optional)
Vacuum Level	10-1 torr (Optional)
Gas Flow meter	Rota meter
Gas Flow meter range	0-5Lpm
Control System	Touch panel with PID Controller ,Multi Segments Programmable , Data Store in USB
Magnetrons	1 - 3 kW
Power Requirements	5 - 25 kVA / 15-35kVA/ 20-45kVA
Protection and Safety	Anode over voltage, anode over current, anode power surpass, electromagnet watchdog, magnetron temperature, external interlock , door limit switch
Microwave Leakage	< 1mW/cm ² (Safety standard < 5mW/cm ²)
System outside dimension	650X650X900mm with Stand /Table top/ 1500X1650X1000mm
Equipment Movement	Wheel arrangement (Easily movement anywhere)
Display	Power & Temperature
Quality Certificate	ISO & CE Marked Product