Product Details

- **Chamber Size**: 150 x 150 x 150 mm
- **Susceptor Cavity Size**: Customized
- **Size Of The Sample**: Customized
- **Heating System**: Microwave by magnetron
- **Maximum Temperature**: 1000°C (Max)
- **Normal Working Temp**: 900°C

Furnace Structure

1. **Furnace Outer Shell**: 620 x 610 x 1380 mm
2. **Shell Construction**: High quality fabrication of M.S.Body and M.S. Angle's structure with proper stiffeners and neat powder coat painting and main chamber made out of Stainless steel (316 grades)
3. **Furnace Panel Box**: Control panel box coupled with furnace bottom
4. **Insulation**: Imported Insulation board
5. **SS Chamber size**: 150 x 150 x 150 mm
6. **Susceptor Cavity Size**: Customized
7. **Size of the Sample**: Customized
8. **Fittings**: Stainless steel fittings (pipe lines and needle valves and purging facility and vacuum dial gauge will be provided for controlled atmosphere as per customer requirement).

Control System

1. **Temperature control**: Eurotherm Micro processor based PID programmer cum Digital Temperature Indicator
2. **Temperature sensor**: Non contact infrared sensor (Pyrometer)
3. **Temperature accuracy**: ±2°C at soaking
4. **Control switches**: Mains on, out put on
5. **Safety**: Input, output fuses

Heating System

1. **Heating system**: Microwave by magnetron
2. **Power rating**: 2.45GHz with 900W each x 2 numbers
3. **Operation**: Single phase / AC
4. **Power output**: Two magnetrons with total 1.8KW
5. **Maximum temp**: 1000°C (Max)
6. **Normal working temps**: 900°C
7. **Rate of heating**: Programmable

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