MUFFLE FURNACE

Light weight with ceramic fiber wool insulation. The outer casing made of double walled thick P.C.R.C. Sheet duly powder coated. Heating elements are made of KANTHAL wire backed by cerawool insulation. A viewing cap is also provided on the door. Temperature control unit consists of Microprocessor Based Digital Temperature Indicator cum controller. To work on 220 / 230 volts or 430 / 440 volts AC supply.
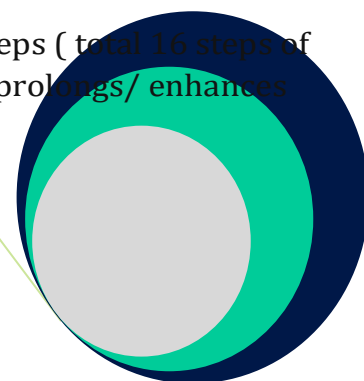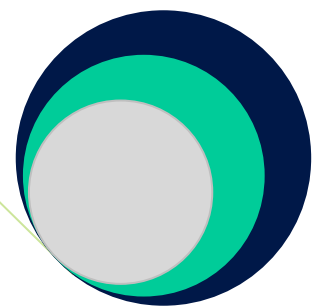
TEMPERATURE RANGE 900 & 1000 & 1150 DEGREE C

MODEL	CHAMBER SIZE IN MM
SRBM-MFLT 2	100 X 100 x225
SRBM-MFLT 5	120X 125 X 300
SRBM-MFLT 7	150X 150 X 300
SRBM-MFLT12	200X 200 X 300
SRBM-MFLT15	175X 175 X 475
SRBM-MFLT28	300X 300 X 300
SRBM-MFLT42	300X 300 X 455
SRBM-MFLT56	300X 300 X 605

OPTION :

- Microprocessor based pid digital temperature indicator cum controller with an in-built digital timer to control the temperature. Once the unit is switched "ON" heating starts automatically and once the set/ desired value is achieved the in- built AUTOMATIC DIGITAL MINUTE TIMER starts automatically. Once this set time period is over the heaters are switched" OFF" automatically and the unit sounds a BUZZER, thus alerting the user that process is complete.
- Controller with 16x2 line alphanumeric LCD display in lieu of SAD Controller with LED Display.
- Profile Digital Microcontroller having 2 Programme each of 8 steps (total 16 steps of ramp/ soak profile) to cost extra for soft start to heaters which prolongs/ enhances heater life.

OPTION :

- Display 16 x 2(Jumbo Blue LCD)
- 4 Keys soft touch menu driven system
- Auto tune Advance PIO temperature control
- PIO values settable in menu
- Audio Alarm on temperature deviation from Set Point/ Process Complete.
- Selectable timer up to 99:S9(Hours: Minutes)
- Timer Disable option for continuous running.
- Visual Alarm Led indication for Temperature Deviation/ Heater/ Fan/ Timer
- Relay/ SSR based output controls for heater (PIO).
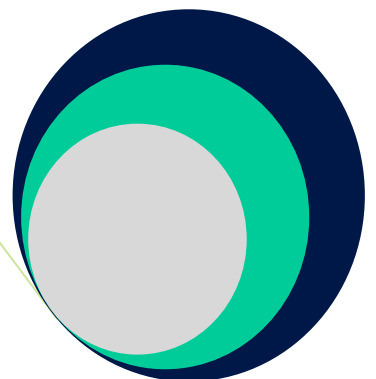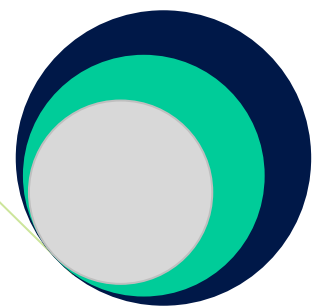- Computer interface via RS232 interface+ PC Software.

HIGH TEMPERATURE HEAT TREATMENT FURNACE

Electrically heated, chamber type Furnace using SILICON CARBIDE HEATING ROD Type elements. Maximum temperature upto 1500 degree C and working Temperature up to 1400 degree C. For continuous run.

Supplied complete with air cooled step down transformer, thermocouple' B Type, Recrystallized alumina Sheath &connecting holder complete set. TO WORK ON 440 VOLT 3 PHASE Supply, Working chamber size:

1. 150x150x300 mm with Automatic Microprocessor DIGITAL PID CONTROLLER
2. 0-SAME WITH PROFILE MICROCONTROLLER.
3. 300X200X300 mm with Automatic Microprocessor DIGITAL PID CONTROLLER
4. D0-SAME WITH PROFILE MICROPROCESSOR
5. 300x300x300 mm with Automatic Microprocessor DIGITAL PID CONTROLLER
6. D0-SAME WITH PROFILE MICROCONTROLLER

MUFFLE FURNACE (MICROPROCESSOR CONTROLLED DELUXE MODEL)

Light weight with ceramic fiber wool insulation. Triple walled with outer casing and inner wall made of double walled thick P.C.R.C. Sheet duly powder coated. Heating elements are made of KANTHAL wire backed by cerawool insulation. A viewing cap is also provided on the door. Temperature control unit consists of Microprocessor based Digital Temperature indicator cum controller. To work on 220 / 230 volts AC supply.

TEMPERATURE RANGE 900 & 1000 & 1150 DEGREE C

MODEL	CHAMBER SIZE IN MM
SRBM – MFLT (DX)	150 X 150 X 300
SRBM- MFLT 12(DX)	200 X 200 X 300

OPTION :
- Microprocessor based pid digital temperature indicator cum controller with an in- built digital timer to control the temperature. once the unit is switched "ON" heating starts automatically and once the set/ desired value is achieved the in- built AUTOMATIC DIGITAL MINUTE TIMER starts automatically. Once this set time period is over the heaters are switched" OFF" automatically and the unit sounds a BUZZER, thus alerting the user that process is complete.
- Controller with 16x2 line alphanumeric LCD display in lieu of SAD Controller with LED Display.
- Profile Digital Microcontroller having 2 Programmes each of 8 steps (total 16 steps of ramp/ soak profile) to cost extra for soft start to heaters which prolongs/ enhances heater life.