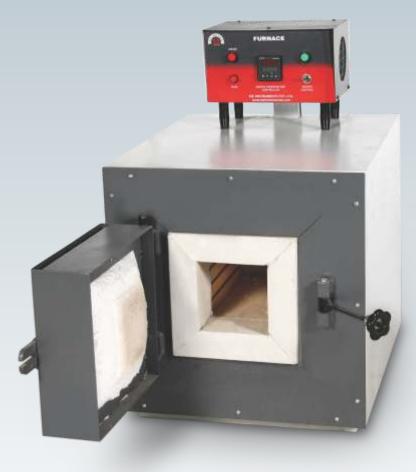


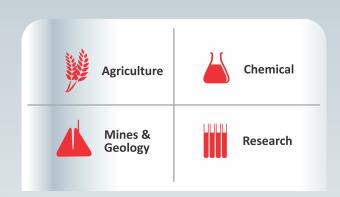


EIE-1501

Anything turn in to Ash









Laboratory Furnace

EIE-1501

Anything turn in to Ash

APPLICATION

- Heat treating small steel parts.
- Ignition tests.
- Gravimetric analysis.
- Ashing organic, inorganic samples.
 Determination of volatile and suspended solids.
 - Material testing.
 - Pre-heating, annealing, sintering, melting, incinerating.

CONSTRUCTION

Exterior : Heavy Gauge CRC sheet OR with Stainless steel 304 (GMP model) with appropriate ventilation.

Chamber : Muffle baked at 1500° C

Insulation : Light weight, Ceramic fibre wool of superior quality, highly resistive to temperature.

Exterior having a ventilation/Louvers for Air insulation and Aesthetic look.

Finish : Hard powder coated in pleasant shade.

DESCRIPTION

Front Panel : Mains Switch, Indicating Lamps for Mains & Control, Micro Controller etc.

: Kanthal Heating Elements of superior quality. **Heaters**

Temp. Control: Universal Micro Controller, PID type, with advanced functions.

: Max. 1200° C., Working 1150° C. Temp. Range

: ± 1% of range. Accuracy

Display : Digital.

Sensor : "K" Type Cr / Al Thermo couple.

POWER SUPPLY

230 Volts AC.

OPTIONAL AT EXTRA COAST

Exterior : Outer casing fabricated from Heavy Gauge Stainless steel.

: Audio indication in case of set value deviation beyond limit and or to Indicate Buzzer

completion of set time.

PC Attachment: RS 232 interface with software. Facilitates record and printouts of the temp. V/s time.

(Supplied without computer and printer).

Door Switch : Switch Shuts off the furnace on opening the door. Safe for the operator.

Programmable: Multiple Ramp/Soak Programmable PID Temperature Controller.

Ancillaries : Platinum crucible / Silica-quartz crucible / crucible tong / platinum tipped tong.

Technical Details of Different Sizes of Furnace				
Sr. No.	Working Chamber Size (Inches) (D X W X H)	Over all Dimensions Size (Inches) (D X W X H)	Ratings (kw)	Approximate Weight
1.	9 X 4 X 4	21 X 17 X 23	1.5	60 kg
2.	10 X 5 X 5	22 X 18 X 24	2.0	71 kg
3.	12 X 6 X 6	24 X 20 X 25	3.0	82 kg
4.	12 X 8 X 8	24 X 24 X 30	5.0	115 kg
5.	18 X 9 X 9	30 X 25 X 31	6.0	125 kg

Data & Design are subject to change without notice.









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