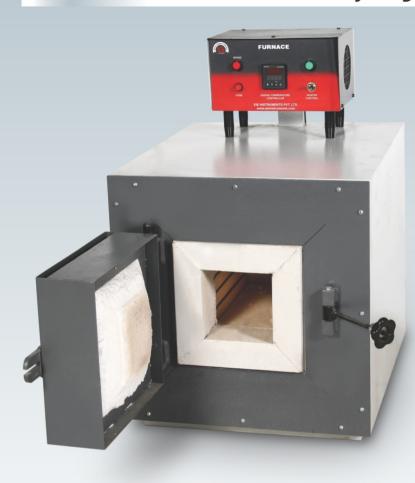
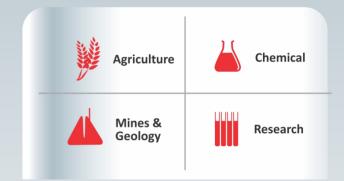
Laboratory Furnace

EIE-108

Anything turns in to Ash









- 21-CFR compliance software with PC communication.
- Optional PLC and HMI control system.
- Onsite validation for 24 hours.
- GSM alert through SIM card.

Laboratory Furnace

EIE-108

Anything turns 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.

Heaters : Kanthal Heating Elements of superior quality.

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

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

Accuracy : ± 1% of range.

Display : Digital.

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

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.

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

Technical Details of Different Sizes of Furnace				
Inner chamber size (mm) (Hx W x D)	Power consumption (Kw)	Approximate Weight (Kgs)	Digital Model Numbers (EIE-108DP)	Digital GMP Model Numbers (EIE-108DG)
225 x 100 x 100 (9" x 4" x 4")	1.5	60	EIE-108DP2.25	EIE-108DG2.25
250 x 125 x 125 (10" x 5" x 5")	2.0	71	EIE-108DP4	EIE-108DG4
300 x 150 x 150 (12" x 6" x 6")	3.0	82	EIE-108DP7	EIE-108DG7
300 x 200 x 200 (12" x 8" x 8")	5.0	115	EIE-108DP12	EIE-108DG12
450 x 225 x 225 (18" x 9" x 9")	6.0	125	EIE-108DP23	EIE-108DG23

D: Digital | G: GMP | P: Powder coating

Data & Design are subject to change without notice.





B-14,15,16, Zaveri Industrial Estate, Opp. Shyam Villa, Singarva - Kathwada Road, Ahmedabad-382 430. Ph.: (079) 6604 0619, 6604 0660 • Fax: (079) 6604 0600



Mktd. bv

(An ISO 9001:2015 Certified Co

1001-1002, Span Trade Centre, Opp. Kochrab Ashram, Paldi, Ahmedabad-380 006. • Ph.: (079) 6621 1234, 99138 77544

Fax: (079) 2658 4099 • Email: info@eieinstruments.com Website: www.eieinstruments.com