



Kiln

Clinker

Hopper

## Our Offering

### Thermocouples

- ❑ Thermocouple for outlet temperature (HRS446)
- ❑ Preheater fan outlet (HRS446)
- ❑ Thermocouple for secondary Air (Pt-Rh with Sterlite coating-0.5 mm)
- ❑ Thermocouple for kiln inlet
- ❑ Wear Resistant Thermocouple



### RTD

- ❑ RTD for fine coal silo
- ❑ Bearing RTD
- ❑ Kiln roller Bearing
- ❑ Hopper heating (weld pad)
- ❑ Support insulators
- ❑ Wear Resistance thermocouple



### Instrumentation & Control Cables (Upto 1.1 KV)



- Insulation Type**  
 PVC | FRLS | PTFE | Fiber Glass | Silicon
- ❑ Signal Control & Instrumentation
  - ❑ Load Cell Cable
  - ❑ Cables for Thermocouples & RTD
  - ❑ Comply to National & International Standards

### Pyrometer (0 to 3200°C)



**Type** Single/Two color | Fiber optics | Portable

- ❑ Kiln burning zone & inlet
- ❑ Clinker, Gearth Gear
- ❑ Kiln shell



### Industrial Heaters



- ❑ Tubular Heaters
  - Immersion Heaters
  - ESP Hopper Heater
  - Circulation Heaters
- ❑ Cartridge Heaters
  - Bolt Heaters

### Furnace Monitoring Camera



- ❑ High Temperature CCTV for Kiln Burning Zone & Cooler
  - HD camera with Ethernet output
  - Pneumatic retraction system
  - Water cooling lens tube
  - Auto insertion and auto retraction
  - Shut off valve
  - Vortex cooled camera housing

### Industrial Furnaces



Model	Max. Temp (°C)	Dimension internal HxWxD (mm)	Volume (Liters)	Max Power (kW)	Heating element
VMK 1400	1400	150x170x270	6.8	4	Sic
VMK 1600	1600	150x170x270	6.8	4	MOSi <sub>2</sub>
VMK 1700	1700	110x150x240	4.0	4	MOSi <sub>2</sub>
VMK 1800	1800	110x150x240	4.0	4	MOSi <sub>2</sub>

### Thermography Survey

- ❑ For Predictive & preventive measurement of Mechanical & Electrical applications.

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