ORBIT INDUCTION

PRODUCT CATALOGUE

Induction Furnace • Melting Systems • Furnace Spares & Components

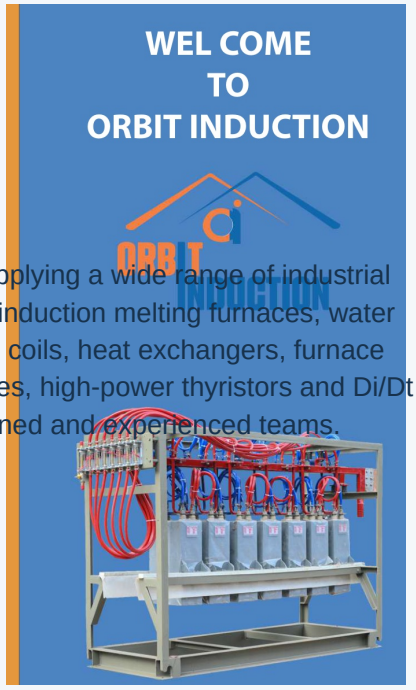


Ahmedabad, Gujarat, India

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ABOUT ORBIT INDUCTION

Established 2002



ABOUT US

Established in 2002, Orbit Induction is engaged in manufacturing and supplying a wide range of industrial furnace equipment and providing repairing services. The range includes induction melting furnaces, water coolant pipes, crucible blocks, current limiting reactors, induction furnace coils, heat exchangers, furnace transformers, induction furnace crucibles, control cards, high-power diodes, high-power thyristors and Di/Dt inductors. The company serves clients across India and globally with trained and experienced teams.

OUR MOTTO

Our motto is to provide a complete range of quality spares at very reasonable prices under one roof.

REACH US

15, Girivar Globe Industrial Estate, Nr. Madhuram Estate,
S.P. Ring Road, Nikol-Kathwada Road, Odhav, Ahmedabad - 382415, Gujarat, India
Mitesh Patel | +91 99988 01442 | +91 97370 41442

CORE INDUCTION FURNACE PRODUCTS

1. **Induction Furnace Cable**
2. **Power Semiconductor Components**
3. **Refractory Top & Bottom Block**
4. **Induction Furnace Coil**
5. **Induction Furnace Control Panel**
6. **Complete Induction Melting Furnace**
7. **Induction Furnace Crucible**

The combined catalogue brings together the detailed product range from the latest catalogue with additional furnace equipment, spares and components shown in the earlier Orbit Induction catalogue.

1. INDUCTION FURNACE CABLE



ɛm Description	High-quality induction furnace cables designed for reliable high-current power transmission between the furnace and power supply system. Suitable for demanding industrial melting and heating applications, with flexible construction and durable insulation for safe and efficient operation.
ɒplications	• High-current power transmission • Induction furnace power supply systems • Industrial melting and heating applications

ITEM DESCRIPTION

High-quality induction furnace cables designed for reliable high-current power transmission between the furnace and power supply system. Suitable for demanding industrial melting and heating applications, with flexible construction and

APPLICATIONS

- High-current power transmission
- Induction furnace power supply systems
- Industrial melting and heating applications
- Reliable furnace electrical connections

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2. POWER SEMICONDUCTOR COMPONENTS



ɛm Description	High-performance power semiconductor components designed for reliable switching rectification and power conversion in induction furnace systems. Suitable for demanding industrial applications, providing efficient electrical performance, dependable operation and protection of high-power circuits.
ɒplications	• Induction furnace power supplies • Rectifier and inverter systems • High-power industrial applications

ITEM DESCRIPTION

High-performance power semiconductor components designed for reliable switching, rectification and power conversion in induction furnace systems. Suitable for demanding industrial applications, providing efficient electrical

APPLICATIONS

- Induction furnace power supplies
- Rectifier and inverter systems
- High-power industrial applications
- Power conversion and switching

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3. REFRACTORY TOP & BOTTOM BLOCK

3. Refractory Top & Bottom Block



em Description	High-temperature refractory top and bottom blocks specially designed for induction furnace applications. Provides excellent thermal resistance, mechanical strength and protection to the furnace lining, helping to improve furnace life and reliable operation under demanding melting conditions.
pplications	• Induction furnace lining systems • Metal melting and foundry applications

ITEM DESCRIPTION

High-temperature refractory top and bottom blocks specially designed for induction furnace applications. Provides excellent thermal resistance, mechanical strength and protection to the furnace lining, helping to improve furnace life

APPLICATIONS

- Induction furnace lining systems
- Metal melting and foundry applications
- High-temperature furnace operation
- Protection of furnace lining

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4. INDUCTION FURNACE COIL

4. Induction Furnace Coil



Description	Precision-manufactured induction furnace coils designed for efficient electromag heating and reliable metal melting. Manufactured for high-temperature industrial operation with robust construction, suitable cooling arrangements and dependab performance for continuous furnace applications.
cations	• Metal melting and heating • Ferrous and non-ferrous foundries • Industrial induction furnace systems

ITEM DESCRIPTION

Precision-manufactured induction furnace coils designed for efficient electromagnetic heating and reliable metal melting. Manufactured for high-temperature industrial operation with robust construction, suitable cooling arrangements

APPLICATIONS

- Metal melting and heating
- Ferrous and non-ferrous foundries
- Industrial induction furnace systems
- High-temperature continuous operation

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5. INDUCTION FURNACE CONTROL PANEL

5. Induction Furnace Control Panel



cription	Advanced induction furnace control panels designed for safe and efficient op furnace power and control systems. Integrates essential monitoring, control, and indication functions to support stable furnace performance, convenient and reliable industrial production.
ons	• Furnace control and monitoring • Power supply and protection • Industrial melting plants

ITEM DESCRIPTION

Advanced induction furnace control panels designed for safe and efficient operation of furnace power and control systems. Integrates essential monitoring, control, protection and indication functions to support stable furnace

APPLICATIONS

- Furnace control and monitoring
- Power supply and protection
- Industrial melting plants
- Operator control and system indication

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6. COMPLETE INDUCTION MELTING FURNACE

6. Complete Induction Melting Furnace



Item Description	Heavy-duty complete induction melting furnace designed for efficient and controlled melting of ferrous and non-ferrous metals. Built for reliable high-temperature industrial operation with robust mechanical construction, efficient heating performance and suitability for demanding foundry production.
Applications	• Metal melting and foundry applications • Ferrous and non-ferrous metal melting • Industrial induction furnace systems • High-temperature production operations

ITEM DESCRIPTION

Heavy-duty complete induction melting furnace designed for efficient and controlled melting of ferrous and non-ferrous metals. Built for reliable high-temperature industrial operation with robust mechanical construction, efficient heating

APPLICATIONS

- Metal melting and foundry applications
- Ferrous and non-ferrous metal melting
- Industrial induction furnace systems
- High-temperature production operations

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7. INDUCTION FURNACE CRUCIBLE

7. Induction Furnace Crucible



Item Description	Heavy-duty induction furnace crucible designed for efficient metal melting and high-temperature operation. Manufactured using suitable refractory materials for excellent thermal stability, durability and resistance to molten metal. Suitable for reliable performance in industrial induction melting applications.
Applications	• Metal melting and foundry applications • Ferrous and non-ferrous metal melting • Industrial induction furnace systems • High-temperature melting operations

ITEM DESCRIPTION

Heavy-duty induction furnace crucible designed for efficient metal melting and high-temperature operation. Manufactured using suitable refractory materials for excellent thermal stability, durability and resistance to molten

APPLICATIONS

- Metal melting and foundry applications
- Ferrous and non-ferrous metal melting
- Industrial induction furnace systems
- High-temperature melting operations

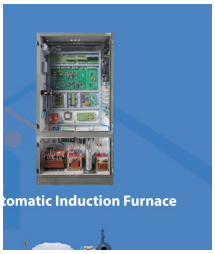
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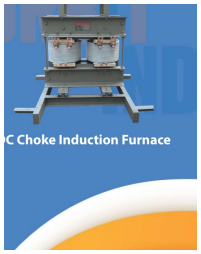
ADDITIONAL EQUIPMENT



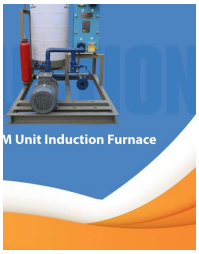
Capacitor Bank



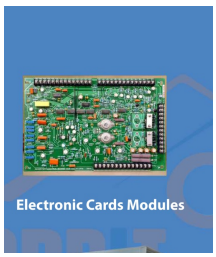
Automatic Induction Furnace



DC Choke Induction Furnace



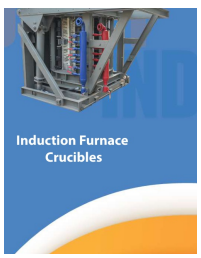
DM Unit Induction Furnace



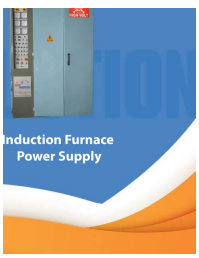
Electronic Cards Modules



Hydraulic Power Pack

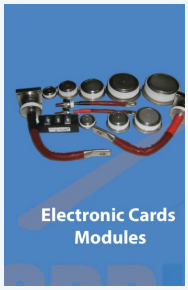


Induction Furnace Crucibles



Induction Furnace Power Supply

SPARES & SPECIALISED COMPONENTS



Electronic Cards



Induction Furnace Coil



Induction Furnace Crucible Parts



Hydraulic System Components



Induction Furnace Spare Parts



Heating Hardening Coil



Lamination Yoke



Semiconductor Fuse



Induction Melting Furnace

CONTACT ORBIT INDUCTION

Industrial Furnace Equipment • Melting Systems • Furnace Spares & Components



CONTACT PERSON

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