

PRODUCT DATA SHEET

Smoothing Reactor for Induction Heating / Medium-Frequency Furnace Power Supplies

Smoothing Reactor for Induction Heating / Medium-Frequency Furnace Power Supplies supports reliable power delivery and integration in induction heating systems, medium-frequency power supplies, and industrial furnace support assemblies.



OVERVIEW

Product Overview

The Smoothing Reactor for Induction Heating / Medium-Frequency Furnace Power Supplies is an auxiliary component used in medium-frequency induction heating or furnace power systems. It is intended to improve system stability, thermal management or control performance in integrated industrial equipment.

In projects involving power supply retrofits or new induction systems, this component can be matched to electrical rating, cooling conditions and installation layout for practical plant-side deployment.

MANUFACTURER

Yuanhang Industrial Furnace

Customized Furnace Engineering

Supplier of customized vacuum, atmosphere, graphitization, carbonization, sintering, brazing and CVD equipment with configurable structure, hot-zone dimensions and automation packages.

Contact Information

Phone: +86 15115399105

Website: <https://www.hnyhgyl.com>

Location: China, Zhuzhou, Hunan

TECHNICAL FEATURES

Technical Features

Smoothing Reactor for Induction Heating / Medium-Frequency Furnace Power Supplies is positioned as a supporting component for integrated furnace systems.

Focused on stable operation, practical integration and industrial reliability.

Can be matched to electrical rating, cooling conditions or system layout.

Suitable for retrofits, replacements and custom induction heating assemblies.

APPLICATIONS

Typical Applications

- induction heating systems
- medium-frequency power supplies
- industrial furnace support assemblies
- power-supply assemblies
- industrial furnace peripheral systems

REFERENCE DATA

Reference Information

Product

**Smoothing Reactor for Induction Heating /
Medium-Frequency Furnace Power
Supplies**

Process Type

Furnace Supporting Component

Temperature Reference

**As defined by the confirmed technical
proposal**

Manufacturer

**China | Zhuzhou Yuanhang Industrial
Furnace Technology Co., Ltd.**

Website

<https://www.hnyhgyl.com>

Contact

+86 15115399105

COMPANY PROFILE

Zhuzhou Yuanhang Industrial Furnace Technology Co., Ltd.

Manufacturer of High-Temperature Industrial Furnaces and Thermal Processing Equipment



Zhuzhou Yuanhang Industrial Furnace Technology Co., Ltd. (Yuanhang Industrial Furnace) is a manufacturing company based in China, Zhuzhou, Hunan, specializing in thermal processing equipment. Centered on heat treatment and high-temperature thermal engineering technologies, we provide customized equipment and complete process solutions for industrial and research applications.

With more than 10 years of dedicated industry experience, we have served over 100 customers. Our principal product portfolio covers graphitization furnaces, carbonization furnaces, vacuum sintering furnaces, silicon carbide sintering systems, CVD furnaces and related custom high-temperature process equipment.

Particular attention is given to practical automation. After the workpieces are loaded and the furnace door is closed, the programmed cycle can be started with one command, allowing the system to operate automatically through the defined process sequence. This helps improve repeatability and reduce dependence on operator experience.

For projects involving vacuum, ultra-high-temperature, brazing, carbonization, graphitization, sintering or CVD-related thermal processing equipment, Yuanhang Industrial Furnace can provide technical communication, configuration support and project-oriented engineering coordination.

- Graphitization and carbonization equipment for carbon materials, felt, carbon fiber and graphite products.
- Vacuum and atmosphere sintering systems for advanced ceramics, cemented carbide and refractory metals.



- Bottom-loading, multi-station and large-format CVD systems for demanding composite processing routes.
- Technical support for furnace selection, custom engineering, retrofit evaluation and process matching.

Sales Hotline

+86 15115399105

Technical Support

+86 15273391550

Website

<https://www.hnyhgyl.com>

Location

China, Zhuzhou, Hunan

This material is intended for product introduction and selection reference. Final configuration, dimensions and technical parameters are subject to the mutually confirmed technical proposal.