

## PRODUCT DATA SHEET

# Medium-Frequency Induction Heating Coil

Medium-Frequency Induction Heating Coil supports reliable power delivery and integration in graphite products.



## OVERVIEW

### Product Overview

The Medium-Frequency Induction Heating Coil 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

Medium-Frequency Induction Heating Coil 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

- graphite products
- induction heating systems
- power-supply assemblies
- industrial furnace peripheral systems

## TECHNICAL DATA

# Technical Data Tables

TABLE 1

参数项目	技术要求 / 指标
材料材质	优质 T2 紫铜 (矩形管)
铜管厚度	不小于 4 mm
绝缘工艺	6 遍深度绝缘涂层处理
绝缘耐压值	\$ > 5000 V \$
设计电压范围	250V - 2000V (根据Application定制)
散热方式	内部通入循环冷却水
封装形式	整体封装, 防尘防打火设计

## PRODUCT IMAGES

# Image Reference



Medium-Frequency Induction Heating Coil image 2

REFERENCE DATA

## Reference Information

Product

**Medium-Frequency Induction Heating Coil**

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.