

TUOZHIMING

National High-tech Enterprise

MP-46-8

High-Precision Laboratory Electric Hotplate



Company Profile

Tianjin Tuozhiming Laboratory Instrument Equipment Co., Ltd. (hereinafter referred to as "Tuozhiming") is a national high-tech enterprise integrating R&D, production, and sales, with branches in Xi'an, Hangzhou, and Shanghai.

Tuozhiming adheres to the development tenet of "creating first-class laboratory instrument equipment for first-class laboratory personnel", keeping pace with the world's advanced cutting-edge technology in the field of chemical laboratory sample pre-treatment. Taking the specific conditions of China's laboratory technology as a starting point, we firmly embark on the path of independent research and development, filling many technical gaps in the field of laboratory sample pre-treatment.

The electrically heated equipment produced and sold by Tuozhiming all have their own intellectual property rights. Our products are widely used in all industries and fields with chemical laboratories in China, and are exported to North America, South America, Europe, Australia, the Middle East, Africa, and Southeast Asia, receiving unanimous praise from experts and scholars at home and abroad, and are recognized as "truly effective" products.

Product Overview

The MP-46-8 is a high-precision laboratory electric hotplate designed for professional laboratory applications. This advanced heating equipment features water bath heating technology, ensuring uniform temperature distribution and consistent performance across all samples.

Key Features



Uniform Temperature

Water bath heating ensures each sample is heated uniformly with consistent temperature. No temperature loss during digestion, no need for temperature compensation.



Consistent Speed

Mechanical transmission with same output source ensures the speed of each rotor is exactly the same.

Fast Heating

From room temperature to peak temperature of 100°C in less than 30 minutes.

Flexible Operation

Applicable to various specifications of vessels, flexible and convenient for different laboratory needs.



High Recovery Rate

Used with special containers to reduce transfer steps and improve recovery rate.



Adjustable Speed

0-1000 rpm, arbitrarily adjustable to meet various experimental requirements.

Timing Function

Equipment is equipped with a timer, 0-99 hours adjustable for precise control.

Water Level Display

Timely observation of water level to ensure safety during operation.

Multi-purpose Machine

The bottom heating body can be used as a high-temperature electric hotplate, multi-purpose machine.

Technical Specifications

Parameter	Specification
Product Model	MP-46-8
Power	5.8 kW
Voltage	220V
Number of Samples	26
Maximum Temperature	100°C
Dimensions (L × W × H)	890 × 430 × 590 mm
Weight	36+50 kg
Speed Range	0-1000 rpm
Timer Range	0-99 hours
Heating Time	Room temp to 100°C < 30 min

Additional Features

Anti-corrosion coating: Silicon carbide angle beam construction for durability

High alumina ceramic composite heating plate: Superior heat distribution and longevity

Temperature peak capability: Up to 180°C for specialized applications

Customizable dimensions: Height and aperture can be customized according to specific requirements

Intelligent control system: Advanced temperature and speed control for precise operation

Contact Information

Company Headquarters

Address: Tianzhi Industrial Park, Xiqing District, Tianjin

Tel: 022-24333389

Fax: 022-24333390

Website: www.tjtz.com

Email: sales@tjtz.com

Xi'an Branch

Address: Fifth International, Weiyang District, Xi'an

Tel: 029-86196112

Email: sales@tjtz.com

Hangzhou Branch

Address: Xingyao City, Binjiang District, Hangzhou

Tel: 0571-86970087

Email: sales@tjtz.com

Shanghai Branch

Address: Gonghe International, Jing'an District, Shanghai

Tel: 021-60133623

Email: sales@tjtz.com