# TP-350E+/350+ Digital Magnetic Stirrer Hot Plate Series

Magnetic Series

## Introduction

The Digital Magnetic Stirrer Hot Plate Series features a specially designed ceramic heating plate, magnetic stirring technology and a user-friendly design for convenient operation. It is suitable for a wide range of laboratory applications requiring heating and stirring.

## Feature

1. Uses PID temperature control with two display windows for high-precision measurement, low temperature overshoot (≤±5°C) and convenient single-button operation.
2. Features internal and external PT1000 temperature sensors for temperature measurement, with semiconductor-based control output and dual-couple breakage protection.
3. Offers various stirring modes for heating or stirring standard and non-standard reaction flasks, with capacities ranging from 50 ml to 20 L.
4. Equipped with a DC brushless motor for stable operation, low-noise performance, a long service life and spark-free operation.
5. Features a specially designed ceramic heating surface that is attractive, durable, anti-corrosive and easy to clean.
6. Features a 30° angled control panel, providing convenient viewing when operating the instrument from a seated or standing position.
7. Constructed with a high-strength metal housing that offers rapid heat dissipation and corrosion resistance.
8. Incorporates a unique heating technology that allows the surface temperature to reach up to 340°C.
9. Uses magnetic stirring technology to provide stable stirring at low speeds and strong stirring performance at high speeds.
10. The TP-350+ supports up to 10 preset programmes for convenient operation.
11. The TP-350+ features a 4.3-inch colour screen with a holographic display for intuitive and convenient operation.



TP-350E+ TP-350+

## Parameters

| Model | TP-350E+ | TP-350+ |
|---|---|---|
| Platform size | Φ137mm | Φ137mm |
| Platform Material | Enamel | Enamel |
| Speed Range | 200~1200rpm | 80~1800rpm |
| Temp. Range | R.T. +5℃~340℃ | R.T. +5℃~340℃ |
| Temp. setting range | 30℃~340℃ | 30℃~340℃ |
| Temp. stability | ±3℃ | ±3℃ |
| Time Range | 0~99h59min | 1min~99h59min |
| Stirring Point Quantity | 1 | 1 |
| Max. Stir Capacity | 20L | 20L |
| Max. Size of Stirrer Stick | 80mm | 80mm |
| External Interface Temp. Sensor | PT1000 | PT1000 |
| Adjustable Safety Loop Min. Temp | 50℃ | 50℃ |
| Adjustable Safety Loop Max. Temp | 350℃ | 350℃ |
| Voltage | AC220V/AC110V, 50/60Hz | AC 220V/AC 110V, 50/60Hz |
| Power | 600W | 600W |
| Fuse | 250V, 4A/8A, Φ5x20 | 250V, 4A/8A, Φ5x20 |
| Dimension (W.D.H) | W. 160x D.270 x H.90mm | W.160 x D.270 x H.90mm |
| Net weight | 2.3kgs | 2.4kgs |