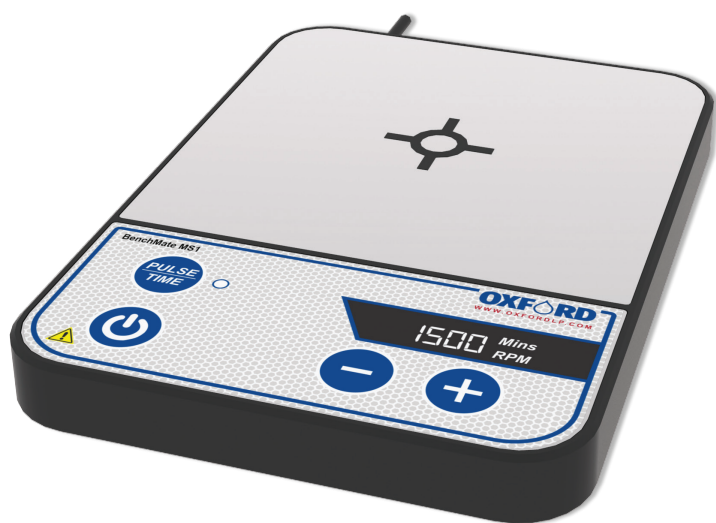


OXFORD
LAB PRODUCTS

BenchMate®

Magnetic & Hotplate Stirrers



Designed by Scientists,
Feared by Competitors



Oxford Lab Products

BenchMate® Digital Magnetic and Hotplate Stirrers

Features and Benefits

Space Saving Design

Maximize the use of precious bench-top space, the 10-place (MHS-10) unit is less than 8 inches wide

Pulse Function for Vigorous Mixing

Alternates between clockwise and counterclockwise motion every 30 seconds

Designed with Documentation in Mind

Digital display indicates speed and time

Maintenance Free

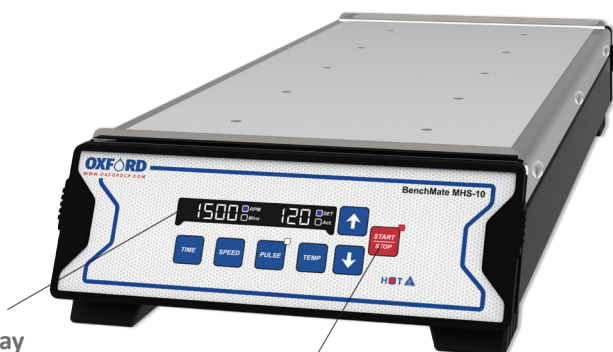
Motorless stirrers with no moveable parts

Easy to Clean

Digital display without knobs

Lifetime Warranty*

Durable equipment built to last



Easy-to-read LED Display
Digital display specifies speed, time, and temperature

Designed for User Safety
Dedicated "HOT" LED indicator light and waterproof heater with built-in safety cutoff

Product Specifications	BenchMate® Magnetic Stirrers		BenchMate® Hotplate Stirrers	
Catalog Number	MS1	MS4	MHS-5	MHS-10
Number of Stirring	1	4	5	10
Max. Volume per Position	800 mL	400 mL	400 mL	400 mL
Total Max. Volume	800 mL	1600 mL	2000 mL	4000 mL
Variable Speed	15 to 1500 rpm, in 50 rpm Increments	15 to 1200 rpm, in 50 rpm Increments	300 to 1500 rpm, in 10 rpm Increments	300 to 1500 rpm, in 10 rpm Increments
Run Time	1 to 99 Minutes & Infinite Mode	1 to 99 Minutes & Infinite Mode	1 to 999 Minutes & Infinite Mode	1 to 999 Minutes & Infinite Mode
Digital Display	Yes	Yes	Yes	Yes
Pulse Mode	Yes	Yes	Yes	Yes
No. PTFE Coated Stir Bars Included (25 x 8 mm)	1	4	5	10
Motor Type	BLDC	BLDC	BLDC	BLDC
Plate Material	Corrosion Resistant Stainless Steel	Corrosion Resistant Stainless Steel	Corrosion Resistant Stainless Steel with Silicone Sheet	Corrosion Resistant Stainless Steel with Silicone Sheet
Dimensions (L x W x H)	156 x 110 x 13.2 mm	457 x 126 x 13.4 mm	562 x 136 x 75 mm	565 x 196 x 75 mm
Protection Class	IP 65	IP 65	IP 65	IP 65
Heater Temperature Range	Ambient, No Heating Element	Ambient, No Heating Element	Ambient to 120°C	Ambient to 120°C

*Lifetime warranty only available in the Continental USA

oxfordlp.com • info@oxfordlp.com • 1-800-554-4920

Oxford Lab Products

BenchMate® 10L Digital Hotplate Stirrer

Features and Benefits

Designed for Heating to Precise Temperatures

With the included temperature sensor you are able to monitor the temperature of your solution

Small Footprint

Stir and heat up to 10L in less than 1 square foot

User Friendly

Large and clear digital display shows temperature, speed, and stir time. A dedicated “HOT” LED indicator is highly visible for user safety.

Powerful

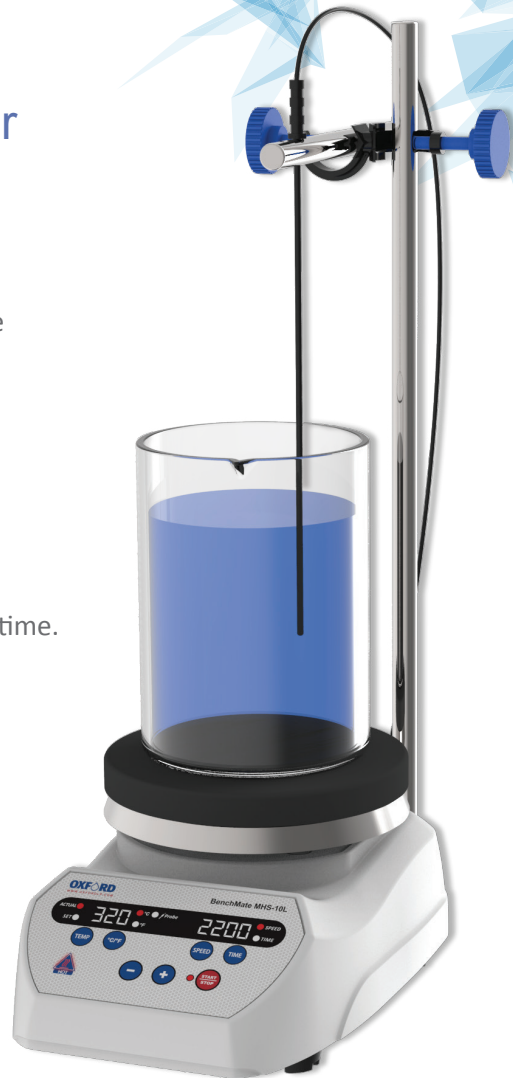
Mix solutions up to 2200 rpm

Save Time

Last run memory feature saves time when preparing the same solutions

Lifetime Warranty*

Durable equipment built to last



Designed for Heating to Precise Temperatures
With the included temperature sensor you are able to monitor the temperature of your solution

Product Specifications for BenchMate® 10L Hotplate Stirrer

Catalog Number	MHS-10L
Maximum Volume	10L
Variable Speed	200 rpm to 2200 rpm, in 10 rpm Increments
Heater Temperature Range	Ambient to 320°C, in 1°C Increments
Temperature Sensor and Stand	Included
Temperature Selection	°C or °F
Digital Display	Yes
Pulse Mode	No
Number of PTFE Coated Stir Bars Included (25 x 8 mm)	1
Hotplate Material	Ceramic Coated Stainless Steel
Hotplate Dimensions	140 mm Diameter
Weight of Instrument	2.2 kg
Dimension (L x W x H)	248 x 156 x 104 mm
Protection Class	IP 21

*Lifetime warranty only available in the Continental USA

Oxford Lab Products
BenchMate® 20L Digital Hotplate Stirrer
 Features and Benefits

High Capacity Hotplate Stirrer

Heat and mix up to 20L with a maximum speed of 2200 rpm

Designed for Gentle to Vigorous Mixing

A large variable speed range of 200 to 2200 rpm with optional pulse mode

Features Designed for GLP and GMP Labs

Large digital display simultaneously shows set temperature, actual temperature, speed, operation mode

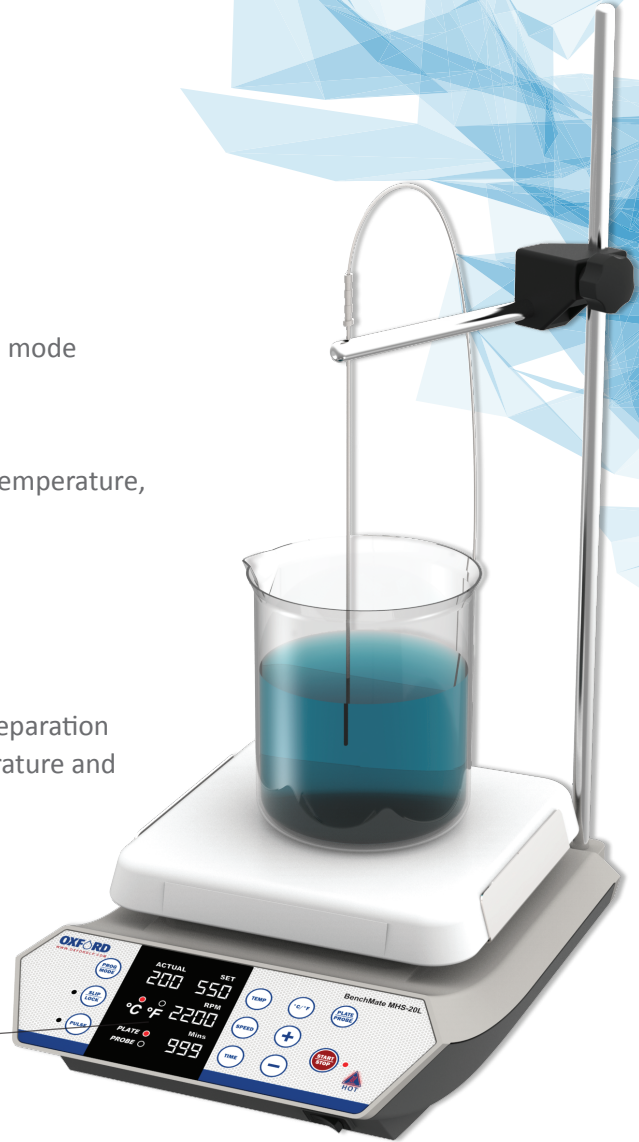
Multiple Heating Modes

- Slow heating with high accuracy
- Fast heating with high accuracy – heats solutions quickly
- Rapid heating with overshoot Programmable to follow solution preparation SOP – Set and save up to 99 programs. Select speed, time, temperature and pulse feature.

Lifetime Warranty*

Durable equipment built to last

No toggle display
 Critical parameters are displayed simultaneously



Product Specifications for BenchMate® 20L Hotplate Stirrer

Catalog Number	MHS-20L
Optional Temperature Probe	MHS-20L-PROBE
Maximum Volume	20L
Variable Speed	200 rpm to 2200 rpm, in 10 rpm Increments
Heater Temperature Range	Ambient to 550° C
Run Time	1 Minute to 999 Minutes and Infinite
Programmable Mode	Yes; User Can Set and Save Up to 99 User Defined Programs (Protocols)
Pulse Mode	Programmable Pulse Mode – User Can Set Time from 30 to 99 Seconds
Motor Type	Brushless DC (BLDC) Motor
Hotplate Material	Nano Crystalline Glass Ceramic
Hotplate Dimensions	180 x 180 mm
Weight	5.4 kg
Dimension (L x W x H)	220 x 330 x 115 mm
Protection Class	IP 21

*Lifetime warranty only available in the Continental USA