

SMART SCIENCE

Smart Science co.,ltd.

Hotplate and Stirrer

Price List 2023-2024



CONTENTS

- Hotplate Stirrers
- Magnetic Stirrers
- Hotplate Magnetic Stirrers
- Overhead Stirrer
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ONiLAB **Benchmark** Scientific

Heathrow Scientific
design | function | innovation

ELMI

Bioevopeak

 เลือกชม/สั่งซื้อสินค้า ออนไลน์ได้แล้ว

บริษัท สมาร์ท ไซเอนซ์ จำกัด

www.smartsience.co.th

**SMART
SCIENCE**
Smart Science co.,ltd.

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HP380-Pro, LCD Hotplate

ONiLAB (USA)

LED Digital 7" Square Hotplate

- Work plate Dimension 140x140mm (6 inch)
- Aluminum cover with ceramic coating material
- Heating temperature range RT- 380°C
- Temperature and time display by LCD



(# 5011151114)

HP380-Pro, main body only
ราคา 11,800 บาท*



Package 1

(# 5011151114+18900016) HP380-Pro, main body only + PT1000A (18900016)

ราคา 12,500 บาท*



18900016

PT1000-A, temperature sensor,
length of 230mm

Package 2

(# 5011151114+18900016+18900540) HP550-S, main body only + PT1000A (18900016)

+ support clamp (18900017) ราคา 13,600 บาท*



18900016

PT1000-A, temperature sensor,
length of 230mm

18900017

Support clamp of PT1000
Vertical bar length : 45cm,
stents length : 25cm,
Stem diameter:10cm

HP550-S, LED Hotplate

ONiLAB (USA)

LED Digital 7" Square Hotplate

- Work plate Dimension 184x184mm (7 inch)
- Glass ceramic hotplate material
- Heating temperature range RT- 550°C
- Temperature and time display by LED



(# 5051122211)

HP550-S, main body only
ราคา 21,200 บาท*



Package 1

(# 5051122211+18900016) HP550-S, main body only + PT1000A (18900016)

ราคา 22,800 บาท*



18900016

PT1000-A, temperature sensor,
length of 230mm

Package 2

(# 5051122211+18900016 18900017) HP550-S, main body only + PT1000A (18900016)

+ support clamp (18900017) ราคา 22,800 บาท*



18900016

PT1000-A, temperature sensor,
length of 230mm

18900017

Support clamp of PT1000
Vertical bar length : 45cm,
stents length : 25cm,
Stem diameter:10cm

HP500-Pro, LCD Hotplate

ONiLAB (USA)

LED Digital 10" Square Hotplate

- Work plate Dimension 254x254mm (10 inch)
- Glass ceramic hotplate material
- Heating temperature range RT- 500°C
- Temperature and time display by LCD
- Timer function : 1min-99h59min

(# 5031132115)

HP500-Pro, main body only
ราคา 31,500 บาท*



Package 1

(# 5031132115+18900016+18900017) HP500-Pro, main body + PT1000A (18900016) + support clamp (18900017)

ราคา 33,200 บาท*



Main body



18900016

PT1000-A, temperature sensor,
length of 230mm

18900017

Support clamp of PT1000
Vertical bar length : 45cm,
stents length : 25cm,
Stem diameter:10cm

H4000-H, LED Hotplate

Benchmark Scientific (USA)

(# H4000-H-E) Hotplate
Ceramic work surface, 7.1 x 7.1 in.
Safety LED indicates hot surface
Speed range : 60-1500 rpm
Temp. Range : 80 to 380°C



380°C

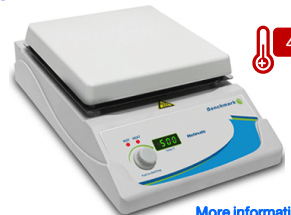
ราคา 17,350 บาท*

[More information CLICK](#)

H3770-H, Digital Hotplate

Benchmark Scientific (USA)

(# H3770-H-E) Digital Hotplate, 7 x 7 inch
- Safety LED indicates hot surface
- Maximum stirring capacity 5 L
- Temp. Range : Ambient + 5 to 400°C



400°C

ราคา 17,050 บาท*

[More information CLICK](#)

H3710-H, Digital Hotplate

Benchmark Scientific (USA)

(# H3710-H-E) Digital Hotplate, 10 x 10 inch
Maximum stirring capacity 15 L
Temp. Range : Ambient + 5 to 400°C



400°C

ราคา 29,650 บาท*

[More information CLICK](#)

Magnetic Stirrers

EcoStir

(# 8050194000) EcoStir, 3.5inch
Max. stirring quantity[H₂O] : 1.5L
Speed range : 300-2000 rpm
Work plate material : PET
Work plate dimension (WxD) : Ø 120mm



ONiLAB (USA)

EcoStir

(# 8050194000) EcoStir, 3.5inch
Max. stirring quantity[H₂O] : 1.5L
Speed range : 300-2000 rpm
Work plate material : PET
Work plate dimension (WxD) : 120x115mm



ราคา 3,000 บาท*

Flatspin

(# 8050184000) Ultra-flat Compact magnetic stirrer (Flatspin)
Max. stirring quantity [H₂O] : 0.8L
Speed range : 15-1500 rpm
Work plate dimension (WxD) : Ø 90mm
Work plate material : PET



ONiLAB (USA)

ราคา 6,200 บาท*

MS-PA, LED Digital

ONiLAB (USA)

(# 8050284200) MS-PA, LED Digital Magnetic Stirrer,
plastic plate (Nylon+GF)
Max. stirring quantity[H₂O] : 3L
Speed range : 200-1500 rpm
Work plate dimension (WxD) : Ø 135mm (5 inch)



ราคา 6,900 บาท*

MS-PB

ONiLAB (USA)

(# 8050294000) MS-PB, Classic non-Digital Magnetic Stirrer
Work plate material : plastic plate (Nylon+GF)
Max. stirring quantity[H₂O] : 3L
Speed range : 0-1500 rpm
Work plate dimension (WxD) : Ø 135mm



ราคา 5,700 บาท*

MS-S

ONiLAB (USA)

(# 8050211000) MS-S, Classic Magnetic Stirrer
Work plate material : stainless steel with ceramic coated plate
Max. stirring quantity[H₂O] : 20L
Speed range : 0-1500 rpm
Work plate dimension (WxD) : Ø 135mm (5 inch)



ราคา 14,200 บาท*

MS7-S

ONiLAB (USA)

(# 8050122000) MS7-S, Classic 7" Square Plate Magnetic Stirrer
Work plate material : glass ceramics plate
Max. stirring quantity[H₂O] : 10L
Speed range : 0-1500 rpm
Work plate dimension (WxD) : 184x184mm (7 inch)



ราคา 21,200 บาท*

MS6-Pro

ONiLAB (USA)

(# 8010261100) MS6-Pro, LCD Digital Magnetic Stirrer
Work plate material : Aluminum cover with ceramic coating
Max. stirring quantity[H₂O] : 5L
Speed range : 200-1500 rpm
Work plate dimension (WxD) : 140x140mm



ราคา 11,200 บาท*

** ราคายังไม่รวมภาษี 7%



MiniMag Magnetic Stirrer

(# S1005-E) MiniMag Magnetic Stirrer
"Mini" sized, less than 3.5" wide
Maximum stirring capacity 1.5 L
Speed range : 100-1500rpm

ราคา 6,050 บาท*



More information [CLICK](#)

H4000-S

(# H4000-S-E) Magnetic Stirrer
Ceramic work surface, 7.1 x 7.1 in.
Safety LED indicates hot surface
Speed range : 60-1500 rpm

ราคา 17,350 บาท*

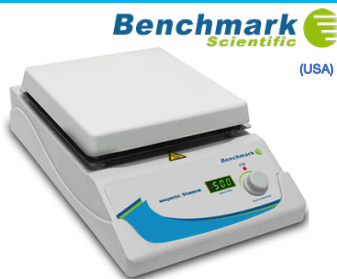


More information [CLICK](#)

H3770-S

(# H3770-S) Magnetic Stirrer, 7 x 7 inch
Safety LED indicates hot surface
Maximum stirring capacity 5 L
Speed range : 150-1500rpm

ราคา 17,050 บาท*



More information [CLICK](#)

H3710-S

(# H3710-SE) Magnetic Stirrer, 10 x 10 inch
Maximum stirring capacity 15 L
Speed range : 150-1500rpm

ราคา 29,650 บาท*



More information [CLICK](#)

Mini Stirrer

Mini Stirrer, Grey/Purple
An economical solution made for ultimate function
Speed Range: 200-2,200 rpm (Infinitely adjustable)
Capacity: Up to 3L H2O

Package includes:

- 1 Mini Magnetic Stirrer
- 2 Stir bars 9 mm x 35 mm

(# 120155) ราคา 6,350 บาท*



More information [CLICK](#)

Magnetic Induction Stirrer

Magnetic Induction Stirrer, Grey/Purple
Strong, motor-less and maintenance free
Speed Range: 50 to 2,000 rpm variable, 10 rpm increments
Time Run Range: 30 seconds to 60 minutes, variable, 1 second increments or continuous
Stirrer Mode: Single Clockwise, Single c. Clockwise, Auto Reverse Rotation (1 to 99 cycles 50% duty)
Capacity: 3 L
Package includes:

- Magnetic Induction Stirrer
- 2 Stir Bars 35 mm x 12 mm, Cylindrical Shape
- 1 Silicone Anti-skid Plate Cover

(# 120584)
ราคา 20,450 บาท*



More information [CLICK](#)

MagFuge® High Speed Centrifuge & 3L Stirrer



Save space and cost by not having to purchase two pieces of equipment, a stirrer and a centrifuge, because the MagFuge® does it all

MagFuge® Centrifuge

Speed Range: 500 - 999 rpm (increments of 1)/1,000 - 5,000 rpm (increments of 5)/5,000 - 12,500 rpm (increments of 25)
RCF: 16 - 9,783 x g (max RCF calculated)
Capacity: 12 place 1.5/2.0 mL tube rotor: 24 mL total maximum liquid volume (Including tube adapters for 0.2/0.5 mL tubes)/
6 place 5 mL tube rotor: 30 mL total maximum liquid volume
Run Time Ranges: 30 seconds - 60 minutes (5 second increments)

MagFuge® Magnetic Stirrer

Speed Range: 50 - 999 rpm (increments of 1)/1,000 - 2,500 rpm (increments of 5) Capacity: 3L, diameter of vessel not to exceed 130 mm (6.70")
Run Time Ranges: Stirrer Mode: 30 seconds to 60 minutes or continuous (5 second increments) Oscillating Stirrer Mode: 1 second - 60 minutes or continuous
Oscillating Period: 30 seconds - 15 minutes

(# 120581) ราคา 56,390 บาท*

More information [CLICK](#)

5" Glass Top Magnetic Stirrer

- Tempered glass working plate
- Touch key is more smart and user-friendly
- LED display offers easy reading of the speed and time
- Working plate material : Tempered glass
- Maximum stirring capacity 5 L
- Speed range : 50-1500 rpm
- Time range 0-99 H 99 Min

MIO102011 ราคา 16,290 บาท*



5" LED Magnetic Stirrer with Timer

- Chemically and scratch-resistant stainless steel working plate with ceramic coating.
- Workplate dimension : Ø 135mm
- Maximum stirring capacity 20 L
- Speed range : 50-1500 rpm
- Time range 1 min to 99h, 59min.

MIO102008 ราคา 11,950 บาท*



MS-M-S10, Multi-channel Magnetic Stirrer

(# 8050140013) **MS-M-S10**, 10-Channel Classic Magnetic Stirrer

Work plate material : stainless steel plate with silicone film

Max. stirring quantity[H₂O] : 0.4L x 10

Speed range : 0-1100 rpm

Work plate dimension (WxD) : 180x450mm

ราคา 47,000 บาท*



ONILAB
(USA)



Skid resistance



Multiple position

4 Place Magnetic Stirrer

Strong: This motor-driven unit provides an extra strong field for up to 4 flat-bottom lab flasks at one time.

Versatile: Specially designed to be compatible with the TW-2.03 water thermostat, the combo offers highly accurate temperature control and effective mixing simultaneously.

Durable: The magnetic stirrer's stainless steel enclosure is highly resistible, as well as easily cleaned and sterilized.

Convenient: Its simple and noiseless operation make the MS-01 an obvious choice for any laboratory.

Speed Range: 1 - 2200 RPM

Max. weight on the platform : 15 kg

(MGN-04) ราคา 32,090 บาท*



ELMI
(Latvia)

MGS-6, 4 Rows Multi-Position

* 4 unit Stainless hotplate can work together or separately

* Stirring speed is step less adjusted.

-Capacity: 1000ml*4

-Speed: 100-2000 rpm

-Plate material: Stainless steel

-Speed display mode : Scale

-Plate size (mm): 300*250

-Dimension(mm)(WxDxH): 300*270*80



ราคา 9,690 บาท*

Biovepeak
(China)

MGS-7, 4 Rows Multi-Position

* 4 unit Stainless hotplate can work together or separately

* Stirring speed is step less adjusted.

-Capacity: 3000ml*4

-Speed: 100-2000 rpm

-Plate material: Stainless steel

-Speed display mode : Scale

-Plate size (mm): 400*300

-Dimension(mm)(WxDxH): 400*320*120

ราคา 11,590 บาท*

MGS-M8, 8-Channel Type

MGS-M8 positions, make full use of experimental instruments, LCD display, beautiful appearance

-Capacity: 8x400ml

-The Max. Length of Stirrers: 46mm

-Speed: 200-1200 rpm

-Plate material: Stainless with a silicone resin film

-Dimension(mm)(WxDxH): 205x480x50mm

ราคา 37,950 บาท*



Biovepeak
(China)





H3770-HS

(# H3770-HS-E) Digital Hotplate Magnetic Stirrer, 7 x 7 inch
Safety LED indicates hot surface
Maximum stirring capacity 5 L
Speed range : 150-1500rpm
Temp. Range : Ambient + 5 to 400°C



ราคา 25,890 บาท*

[More information CLICK](#)



H4000-HS



ราคา 26,190 บาท*

(# H4000-HS-E) Hotplate Magnetic Stirrer
Ceramic work surface, 7.1 x 7.1 in.
Safety LED indicates hot surface
Speed range : 60-1500 rpm Temp. Range : 80 to 380°C

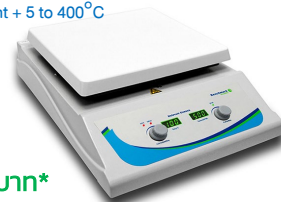
[More information CLICK](#)

H3710-HS

(# H3710-HS-E) Digital Hotplate Magnetic Stirrer, 10 x 10 inch
Maximum stirring capacity 15 L
Speed range : 150-1500rpm
Temp. Range : Ambient + 5 to 400°C



ราคา 41,250 บาท*



[More information CLICK](#)

[Accessories Next page](#)

MS-H280-Pro, Double LED Digital

Work plate material : stainless steel with ceramic coated hotplate
Heating temperature up to 280°C
Speed range : 200-1500rpm
Work plate Dimension [W x D] : Ø135mm (5 inch)
Max. stirring quantity, [H₂O] : 3L



(# 8050101212) MS-H280-Pro, main body

ราคา 12,000 บาท*

> More accessories at page 9 <

Package 1

(# 8050101212+18900016) MS-H280-Pro, main body only + PT1000A (18900016)

ราคา 12,500 บาท*



Package 2

(# 8050101212+18900016+18900540) MS-H280-Pro, main body only + PT1000A (18900016) + support clamp (18900540) ราคา 13,600 บาท*



MS-H380-Pro, LCD Digital Hotplate Magnetic Stirrer

Work plate material : Aluminum cover with ceramic coating
Heating temperature up to 380°C
Speed range : 200-1500rpm
Work plate Dimension [W x D] : 140x140mm
Max. stirring quantity, [H₂O] : 5L



(# 8050261115) MS-H380-Pro, main body

ราคา 14,200 บาท*

> More accessories at page 9 <

Package 1

(# 88050261115+18900016) MS-H380-Pro, main body only + PT1000A (18900016)

ราคา 15,200 บาท*



Package 2

(# 8050261115+18900016 +18900540) MS-H380-Pro, main body only + PT1000A (18900016) + support clamp (18900540) ราคา 16,300 บาท*



MS-H-S, Analog Magnetic Hotplate stirrer

(# 8050221010) MS-H-S, Classic Hotplate Magnetic Stirrer
Stainless steel with ceramic coated hotplate
Heating temperature up to 340°C, Dial scale display
Speed range : 0-1500rpm
Work plate Dimension [W x D] : Ø135mm (5 inch)
Max. stirring quantity, [H₂O] : 20L



ราคา 14,700 บาท*



> More accessories at page 9 <



MS-H-ProA, LCD Digital Magnetic Hotplate Stirrer

ONiLAB (USA)

Three heating models for selecting (fast heating, standard heating and stable heating)

-Work plate Dimension Ø135mm (5 inch)

-Maximum stirring quantity of H₂O is 20L

-Aluminum cover with ceramic coating material

-Heating temperature range RT- 340°C

-Speed range 100-1500rpm

-Temperature and speed display by LCD



(# 8051221110)

MS-H-ProA, main body only

ราคา 22,800 บาท*

> More accessories at page 9 <

Package 1

(# 8051221110+18900016) **MS-H-ProA, main body only + PT1000A**
(18900016) **ราคา 23,400 บาท***



PT1000-A, temperature sensor,
length of 230mm

Package 2

(# 8051221110 + 18900016+18900017) **MS-H-ProA, main body only + PT1000A**
(18900016) + support clamp (18900017) **ราคา 25,000 บาท***



Support clamp of PT1000
Vertical bar length : 45cm,
stents length : 25cm,
Stem diameter:10cm

MS-H-Pro+, LCD Digital Magnetic Hotplate Stirrer

ONiLAB (USA)

-Work plate Dimension Ø135mm (5 inch)

-Maximum stirring quantity of H₂O is 20L

-Stainless steel cover with ceramic coating material

-Heating temperature range RT- 340°C

-Speed range 100-1500rpm

-Temperature and speed display by LCD



(# 8050221110)

MS-H-ProA, main body only

ราคา 22,800 บาท*

> More accessories at page 9 <

Package 1

(# 8050221110+18900160) **MS-H-Pro+, main body only + PT1000A**
(18900016) **ราคา 23,400 บาท***



PT1000-A, temperature sensor,
length of 230mm

Package 2

(# 8050221110+18900160+18900017) **MS-H-ProA, main body only + PT1000A**
(18900016) + support clamp (18900017) **ราคา 25,000 บาท***



Support clamp of PT1000
Vertical bar length : 45cm,
stents length : 25cm,
Stem diameter:10cm

MS-H-ProT, LCD Digital Magnetic Hotplate Stirrer with Timer

ONiLAB (USA)

-Work plate Dimension Ø135mm (5 inch)

-Maximum stirring quantity of H₂O is 20L

-Stainless steel cover with ceramic coating material

-Heating temperature range RT- 340°C

-Speed range 100-1500rpm

-Timer function from 1 min to 99h 59min

-Temperature speed and time display by LCD



(# 8050231110)

MS-H-ProT, main body only

ราคา 25,300 บาท*

> More accessories at page 9 <

Package 1

(# 8050231110+18900016) **MS-H-ProT, main body only + PT1000A**
(18900016) **ราคา 26,100 บาท***



PT1000-A, temperature sensor,
length of 230mm

Package 2

(# 8050231110+18900016+18900017) **MS-H-ProT, main body only + PT1000A**
(18900016) + support clamp (18900017) **ราคา 27,200 บาท***



Support clamp of PT1000
Vertical bar length : 45cm,
stents length : 25cm,
Stem diameter:10cm



MS10-H500-Pro, LCD Digital Magnetic Hotplate Stirrer

ONiLAB (USA)

Three heating models for selecting (fast heating, standard heating and stable heating)

- Work plate Dimension 254x254mm (10 inch)
- Maximum stirring quantity of H₂O is 30L
- Work plate material : Glass ceramic
- Heating temperature range RT- 500°C
- Speed range 100-1500rpm
- Temperature and speed display by LCD



(# 8050132117) **MS10-H500-Pro**,
main body only
ราคา 39,100 บาท*



Package 1

(# 8050132117+18900016+18900017) **MS10-H500-Pro**, main body only + PT1000A (18900016) + support clamp (18900017)

ราคา 40,800 บาท*



> More accessories at page 9 <

MS7-H550-S, LED Digital Magnetic Hotplate Stirrer

ONiLAB (USA)

- Work plate Dimension 184x184mm (7 inch)
- Maximum stirring quantity of H₂O is 10L
- Work plate material : Glass ceramic
- Motor type : Shaded pole motor
- Heating temperature range RT- 550°C
- Speed range 0-1500rpm
- Temperature display by LED



(# 8050122211) **MS7-H550-S**,
main body only
ราคา 23,400 บาท*



Package 1

(# 8050221110+18900160) **MS7-H550-S**, main body only + PT1000A (18900016) **ราคา 23,900 บาท***



Package 2

(# 8050122211+18900016+18900017) **MS7-H550-S**, main body only + PT1000A (18900016) + support clamp (18900017) **ราคา 26,100 บาท***



> More accessories at page 9 <

MS7-H550-Pro, LCD Digital Magnetic Hotplate Stirrer with Timer

ONiLAB (USA)

- Work plate Dimension 184x184mm (7 inch)
- Maximum stirring quantity of H₂O is 20L
- Work plate material : Glass ceramic
- Motor type : Brushless DC motor
- Heating temperature range RT- 550°C
- Speed range 100-1500rpm
- Temperature and speed display by LCD



(# 8050122111) **MS7-H550-Pro**,
main body only
ราคา 29,700 บาท*



Package 1

(# 8050122111+18900016) **MS7-H550-Pro**, main body only + PT1000A (18900016) **ราคา 29,900 บาท***



Package 2

(# 8050122111+18900016+18900017) **MS7-H550-Pro**, main body only + PT1000A (18900016) + support clamp (18900017) **ราคา 31,500 บาท***



> More accessories at page 9 <



Cat. No.	Description	MS10-H500-PRO	MS7-H550-Pro MS7-H550-S	MS-H-Pro ^A MS-H-Pro ^T	MS-H340-S4	MS-H-S	MS-H280-Pro	MS-H380-Pro	ราคา
 18900001	Blue carrying plate, use with color quarter pies			■	■	■	■		4,000 บาท*
 18900065	Blue Fixed ring, use with color quarter pies			■	■	■	■		4,000 บาท*
 18900002	Red quarter pie, 11 holes, 4 mL reaction vessel, Ø15.2mm, 20mm depth	■	■	■	■	■	■	■	2,900 บาท*
 18900003	Purple quarter pie, 4 holes, 20 mL reaction vessel, Ø28mm, 24mm depth	■	■	■	■	■	■	■	2,400 บาท*
 18900004	Blue quarter pie, 4 holes, 30mL reaction vessel, Ø28mm, 30mm depth	■	■	■	■	■	■	■	2,500 บาท*
 18900005	Black quarter pie, 4 holes, 40mL reaction vessel, Ø28mm, 43mm depth	■	■	■	■	■	■	■	2,800 บาท*
 18900048	Green quarter pie, 6 holes, 8mL reaction vessel, Ø17.8mm, 26mm depth	■	■	■	■	■	■	■	2,800 บาท*
 18900049	Golden quarter pie, 4 holes, 16mL reaction vessel, Ø21.6mm, 31.7mm depth	■	■	■	■	■	■	■	2,600 บาท*
 18101006	Reaction block for 50mL round bottom flask (one flask capacity)			■	■	■	■		4,700 บาท*
 18101007	Reaction block for 100mL round bottom flask (one flask capacity)			■	■	■	■		4,900 บาท*
 18101008	Reaction block for 250mL round bottom flask (one flask capacity)			■	■	■	■		5,300 บาท*
 18101009	Reaction block for 500mL round bottom flask (one flask capacity)			■	■	■	■		5,500 บาท*
 18900019	F101 protective cover, temperature resistance of 135°C			■		■	■		700 บาท*
 18900016	PT1000-A, length of 230mm	■	■	■	■		■	■	4,100 บาท*
 18900136	PT1000-B, temperature sensor with glass coated, length of 230mm	■	■	■	■		■	■	5,100 บาท*
 18900017	Support clamp of PT1000 Vertical bar length: 45cm, stents length: 25cm, Stem diameter: 10cm	■	■	■					1,900 บาท*
 18900540	Support clamp of PT1000 Vertical bar length: 35cm, stents length: 18cm, Stem diameter: 10cm				■		■	■	1,900 บาท*



(# H3770-ROD) Optional Rod for
Hotplate/Stirrer (H3770 & H3710 Series)
ราคา 3,050 บาท*



(# H3770-CS) Clamp set for H3770
& H3710, includes rod and clamp
ราคา 5,190 บาท*

Benchmark Scientific (USA)



(# H3770-CS(TF)) Clamp set for H3770 & H3710
Chemically resistant/inert teflon, includes rod and clamp
ราคา 12,890 บาท*



5" Magnetic Hotplate Stirrer

- Stainless Steel with ceramic coated plate material
- Workplate dimension : $\varnothing$ 135mm
- Max. Stirring Bar [L X Φ , mm] : 55 $\times$ Φ 10
- Maximum stirring capacity 20 L
- Safety Temperature : 50-320 $^{\circ}$ C
- Speed range : 50-1500 rpm

MI0102010 ราคา 11,950 บาท*



5" LED Magnetic Hotplate Stirrer

- Aluminum alloy with ceramic coating plate material
- Workplate dimension : $\varnothing$ 135mm
- Max. Stirring Bar [L X Φ , mm] : 55 $\times$ Φ 10
- Maximum stirring capacity 20 L
- Safety Temperature : 50-320 $^{\circ}$ C
- Speed range : 50-1500 rpm

MI0102002 ราคา 17,950 บาท*



7" LED Magnetic Hotplate Stirrer

- Stainless-steel, ceramic coated plate material
- Workplate dimension : $\varnothing$ 185mm
- Max. Stirring Bar [L X Φ , mm] : 80 $\times$ Φ 9.5
- Maximum stirring capacity 20 L
- Safety Temperature : 50-550 $^{\circ}$ C
- Speed range : 50-1500 rpm
- Time range 0-99 H 99 Min

MI0102005 ราคา 28,790 บาท*

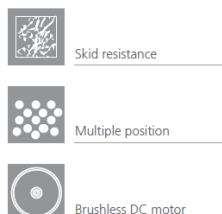


MS-H-S10, Multi-channel Hotplate Magnetic Stirrer

- Work plate material : Stainless steel covered with silicone cushion
- Work plate Dimension : 180x450mm
- Heating temperature up to 120 $^{\circ}$ C
- Max. stirring quantity[H₂O] : 0.4Lx10
- Speed range : 0-1100rpm
- Temperature and speed display by scale

(# 8050140000) 8050140000
ราคา 70,100 บาท*

ONiLAB (USA)



MS-H340-S4, LCD 4-Channel Digital Magnetic Hotplate Stirrer

Independent heating and stirring control for each position

- Work plate material : Stainless steel with ceramic coating
- Work plate Dimension : $\varnothing$ 135mm (5inch) x4
- Heating temperature : RT - 340 $^{\circ}$ C
- Max. stirring quantity[H₂O] : 10L x 4
- Speed range : 200-1500rpm
- Temperature and speed display by LCD

(# 8030271110) MS-H340-S4
ราคา 70,600 บาท*



ONiLAB (USA)

10-position Magnetic Hotplate Stirrer

- 10 positions supports synchronous heating and stirring
- Wear free magnetic coils and the magnetic coil technology provides noiseless and consistent stirring on all positions
- Max. stirring quantity[H₂O] : 0.4L x 10
- Speed range: 0-1200 rpm
- Temperature: Room temp. to 120 $^{\circ}$ C
- The Max. Length of Stirrers: 30 mm
- Dimension(mm)(WxDxH): 630x210x70 mm

MS310 ราคา 57,950 บาท*



FOUR E'S
SCIENTIFIC
(China)



OS20-S, LED Digital

LED Digital Display

Max. stirring quantity 20L

Speed range : 50-2200rpm

(# 8053100200) OS20-S, main body + Crossed stirrer

ราคา 22,800 บาท*

(# 8053100200+18900605) OS20-S package, include OS20-S

main body + Universal plate stand + Crossed stirrer

ราคา 28,300 บาท*

20L

LED Display



40L

LED Display

OS40-S, LED Digital

LED Digital Display

Max. stirring quantity 40L

Speed range : 50-2200rpm

(# 8053200200) OS40-S, main body + Crossed stirrer

ราคา 38,600 บาท*

(# 8053200200+18900605) OS40-S package, include OS40-S

main body + Universal plate stand + Crossed stirrer

ราคา 41,300 บาท*

OS20-Pro, LCD Digital

LCD Digital Display

Max. stirring quantity 20L

Speed range : 50-2200rpm

(# 8053100100+18900605) OS20-Pro,

include OS20-S main body + Universal plate stand + Crossed stirrer

ราคา 36,400 บาท*

OS70-Pro, LCD Digital with Timer

70L

LCD Display

LCD Digital Display

Max. stirring quantity 70L

Speed range : 50-1100rpm

Timer : 0-99h59min

(# 8013300100) OS70-Pro, include

OS70-S main body

ราคา 53,200 บาท*

Package 1

(# 8013300100+18900478+18900605) OS70-Pro,

include OS70-S main body + Universal plate stand + Grand propeller stirrer

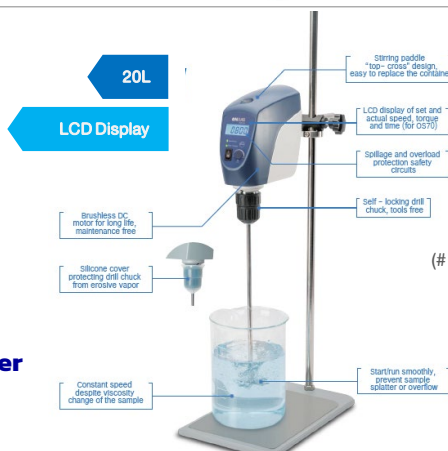
ราคา 59,200 บาท*

Package 2

(# 8013300100+18900478+18900497)

OS70-Pro, include OS70-S main body + Grand plate stand + Grand propeller stirrer

ราคา 65,200 บาท*



40L

LCD Display

OS40-Pro, LCD Digital

LCD Digital Display

Max. stirring quantity 40L

Speed range : 50-2200rpm

(# 8053200100+18900605) OS40-Pro, include OS40-Pro main body + Universal plate stand + Crossed stirrer

ราคา 43,500 บาท*

Optional Accessories

Plate Stands

Universal Plate Stand
(for OS20/40/70)

Cat. No.18900605

Dimension [W x D x H] :
20x31x78cm
Material: cast iron

ราคา 5,200 บาท*

Grand Plate Stand
(for OS70)

Cat. No.18900497

Dimension [W x D x H] :
33.5x46.3x78cm
Material: cast iron

ราคา 17,400 บาท*

Propeller stirrer	Cat. No.18900071
Shaft length: 40cm Stirrer diameter: 5cm Shaft diameter: Ø8mm Material: 316L stainless steel Standard stirring applications at medium and high speed	ราคา 1,600 บาท*
Straight stirrer	Cat. No.18900072
Shaft length: 40cm Stirrer diameter: 6cm Shaft diameter: Ø8mm Material: 316L stainless steel For low viscosity media at medium and high speeds	ราคา 1,600 บาท*
Propeller stirrer	Cat. No.18900075
Shaft length: 35cm Stirrer diameter: 6.5cm Shaft diameter: Ø8mm Material: PTFE coated Standard stirring applications at medium and high speed	ราคา 2,400 บาท*
Straight stirrer	Cat. No.18900076
Shaft length: 35cm Stirrer diameter: 7cm Shaft diameter: Ø8mm Material: PTFE coated For low viscosity media at medium and high speeds	ราคา 2,400 บาท*
Grand propeller stirrer	Cat. No. 18900478
Shaft length: 60cm Stirrer diameter: 10cm Shaft diameter: Ø8mm Material: 316L stainless steel Standard stirring	ราคา 1,800 บาท*

Paddle stirrer	Cat. No.18900073
Shaft length: 40cm Stirrer diameter: 6.8cm Shaft diameter: Ø8mm Material: 316L stainless steel For gentle mixing at low and medium speeds	ราคา 1,600 บาท*
Centrifugal stirrer	Cat. No.18900074
Shaft length: 40cm Stirrer diameter: 9cm Shaft diameter: Ø8mm Material: 316L stainless steel Blades open while speeding. For narrow neck vessels at medium to high speed.	ราคา 1,600 บาท*
Paddle stirrer	Cat. No.18900077
Shaft length: 35cm Stirrer diameter: 6.8cm Shaft diameter: Ø8mm Material: PTFE coated For gentle mixing at low and medium speeds	ราคา 2,400 บาท*
Centrifugal stirrer	Cat. No.18900078
Shaft length: 35cm Stirrer diameter: 8.5cm Shaft diameter: Ø8mm Material: PTFE coated Blades open while speeding. For narrow neck vessels at medium to high speed.	ราคา 2,400 บาท*
Grand paddle stirrer	Cat. No.18900499
Shaft length: 60cm Stirrer diameter: 10cm Shaft diameter: Ø8mm Material: 316L stainless steel Gentle mixing for those strictly easily or sensitive to shear	ราคา 1,800 บาท*

Flat-blade stirrer	Cat. No. 18900625
Shaft length: 40cm Stirrer diameter: 6cm Shaft diameter: Ø8mm Material: 316L stainless steel Suitable for medium speed stirring, low viscosity and medium viscosity materials	ราคา 1,700 บาท*
Radial-flow stirrer	Cat. No. 18900626
Shaft length: 40cm Stirrer diameter: 3cm Shaft diameter: Ø8mm Material: 316L stainless steel Suitable for medium speed or high speed agitation, low viscosity or medium viscosity materials, recommended for the treatment of gas in liquid	ราคา 1,700 บาท*
Anchor stirrer	Cat. No.18900627
Shaft length: 40cm Stirrer diameter: 6cm Shaft diameter: Ø8mm Material: 316L stainless steel Suitable for low speed stirring, medium viscosity and high viscosity materials	ราคา 1,700 บาท*
Spiral stirrer	Cat. No. 18900628
Shaft length: 40cm Stirrer diameter: 5cm Shaft diameter: Ø8mm Material: 316L stainless steel Suitable for medium speed or high speed agitation, medium viscosity and high viscosity materials, recommended for liquid homogenization or suspension treatment	ราคา 1,700 บาท*



Overhead Stirrer



20L

Max. stirring quantity 20L
 Maximum Torque : 40Ncm
 Maximum Viscosity : 10000mPas

(# IPS2050-20-E) **OS20L Overhead Stirrer**, include stand,
 and 4 arm propeller (IPS2050-P-S4) **ราคา 50,790 บาท***

40L

Max. stirring quantity 40L
 Maximum Torque : 60Ncm
 Maximum Viscosity : 50000mPas

(# IPS2050-40-E) **OS40L Overhead Stirrer**, include stand,
 and 4 arm propeller (IPS2050-P-S4) **ราคา 79,750 บาท***



- LCD control panel show Speed and run time
- Speed Range : 30-2200 rpm
- Compact and quiet
- Digital accuracy and convenience

Optional Propellers and Paddles



ราคา 5,200 บาท*



ราคา 5,200 บาท*



ราคา 5,200 บาท*



ราคา 5,200 บาท*



ราคา 5,200 บาท*



ราคา 5,200 บาท*



ราคา 5,200 บาท*



ราคา 5,200 บาท*

LED Overhead Stirrer

- Speed range of 50rpm~2000rpm.
- Provides constant speed even with changes in viscosities of the sample.
- Wide LED display for precise speed adjustment and monitoring; actual and set speeds alternately.



Model	OHS-20D	OHS-40D	OHS-60D
Max. stirring quantity (H2O)	20L	40L	50L
Max. torque	20 N·cm	40 N·cm	60 N·cm
Chuck Diameter Range	0.5-10	0.5-10	0.5-10
Viscosity max.	10,000 mPas	50,000 mPas	50,000 mPas (2000rpm) 100,000 mPas (1000rpm)
Package	OHS-ST Universal Plate Standard and OHS-20D-02-008 4-Bladed Straight Stirrer 	Universal Plate Standard and the crossed stirrer 	Universal Plate Standard and the crossed stirrer
ราคา* (บาท)	27,690	27,690	38,290



Stir Bars

Cat.NO.	Picture	Name of stirrer bars	Size [mm]	ราคา* (บาท)
18900693		Stirrer bar, cross	Ø5 X 10	200
18900694		Stirrer bar, cross	Ø10 X 20	200
18900695		Stirrer bar, cross	Ø9 X 25	300
18900696		Stirrer bar, cross	Ø10 X 30	300
18900697		Stirrer bar, cross	Ø11 X 38	300
18900698		Stirrer bar, cross	Ø20 X 65	500
18900699		Stirrer bar, Triangular prism	Ø14 X 25	300
18900700		Stirrer bar, Triangular prism	Ø14 X 50	300
18900701		Stirrer bar, Triangular prism	Ø9 X 35	300
18900702		Stirrer bar, Triangular prism	Ø14 X 80	700
18900703		Stirrer bar, Gear shape	Ø8 X 30	200
18900704		Stirrer bar, Gear shape	Ø8 X 38	200
18900705		Stirrer bar, Gear shape	Ø10 X 50	300
18900706		Stirrer bar, ellipse	Ø10 X 20	100
18900707		Stirrer bar, ellipse	Ø12 X 25	200
18900708		Stirrer bar, ellipse	Ø11X 30	200
18900709		Stirrer bar, ellipse	Ø15X 35	200
18900710		Stirrer bar, ellipse	Ø20 X 40	400
18900711		Stirrer bar, ellipse	Ø20 X 50	500
18900712		Stirrer bar, ellipse	Ø22 X 70	600
18900713		Stirrer bar, slide round	Ø6 X 25	100
18900714		Stirrer bar, slide round	Ø6 X 30	100
18900715		Stirrer bar, slide round	Ø8 X 40	200
18900716		Stirrer bar, slide round	Ø8 X 50	200
18900717		Stirrer bar, slide round	Ø10 X 60	300
18900718		Stirrer bar, slide round	Ø13 X 80	700
18900719		Stirrer bar, slide round	Ø24 X 159	5,200
18900720		Stirrer bar, Eight prism	Ø8 X 20	100
18900721		Stirrer bar, Eight prism	Ø10 X 30	200
18900722		Stirrer bar, Eight prism	Ø8 X 40	200
18900723		Stirrer bar, Eight prism	Ø8 X 50	300
18900724		Stirrer bar, Eight prism	Ø9 X 90	700
18900725		Stirrer bar, round	Ø27X57	700
18900726		Stirrer bar, round	Ø27X108	3,200
18900727		Stirrer bar, round	Ø27X159	5,100
18900006		Stirrer bar, round	Ø6 X 10	100
18900007		Stirrer bar, round	Ø8 X 15	100
18900008		Stirrer bar, round	Ø8 X 20	200
18900009		Stirrer bar, round	Ø8 X 25	200
12500005		Stirrer bar, round	Ø6X 30	200
18900011		Stirrer bar, round	Ø8 X 40	200
12500004		Stirrer bar, round	Ø8 X 50	200
18900013		Stirrer bar, round	Ø8X 65	400
18900014		Stirrer bar, round	Ø13X 80	500
18900728		Stirrer bar, crown	Ø9X6	200
18900015		Stirrer bar remover	length of 30cm	2,000

