

A photograph of a Clifton magnetic stirrer. The device is white with a black top. A glass Erlenmeyer flask containing a blue liquid is placed on the stirrer's top. The flask is illuminated from below, creating a greenish glow. The stirrer's control panel features a digital display showing '10', a red indicator light, and a small icon of a flask. The brand name 'Clifton' and 'UNSTIRRED BATH' are printed on the front panel. In the top right corner, there are two small icons: a crossed-out square and a square with a diagonal line.

Clifton
UNSTIRRED BATH

MIXERS

MS series MAGNETIC STIRRERS

CH series CERASTIRS™

CM series VORTEX MIXERS

RM series ROTARY MIXERS

Clifton Range®



NICKEL-ELECTRO LTD.
Manufacturers of the Clifton Range



MIXERS

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MAGNETIC STIRRERS

MSH series, Aluminium Hob

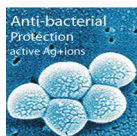
These popular Clifton® aluminium hotplate stirrers are designed for general laboratory requirements and are available in three styles - MSH-1 analogue, MSH-1D digital or the triple place MSH-3.

Featuring a robust aluminium heating surface, with good heat transfer, the plate can be precisely controlled, spillages are directed away from the controls and user. Smooth start up and changes in stirring speed ensure that the follower increases or decreases its mixing speed without detaching.



| Series | Analogue | Digital |
|--------------------|-----------------------|--|
| 230V 50Hz version | MSH-1 | MSH-1D |
| 230V 60Hz version | - | MSH-1D |
| 120V 60Hz version | - | - |
| Heater, Wätts | 700W | 700W |
| Max. plate temp | 325°C | 300°C. With Remote Probe max 200°C |
| Temp control | Analogue | Digital. With remote probe $\pm 0.5^\circ\text{C}$ |
| Heating plate size | 160 x 160mm | 160 x 160mm |
| Heated area | 160 x 160mm | 160 x 160mm |
| Stirring speed | 100 - 1500rpm | 200 - 1300rpm |
| Overall size | 190w x 300d x 110h mm | 190w x 300d x 110h mm |

1. All models supplied with PTFE coated stirring bars.
2. Painted body features Anti-bacterial protection, hygienic coating which actively inhibits bacterial growth.



Features Include:

MSH-1 and MSH-3 analogue

- * Easy clean and spillages directed away from controls
- * Durable heating surface
- * Over temperature protection
- * Smooth start stirring
- * Maximum stirring volume 15 litres
- * Economically priced, robust design
- * Spill proof design, IP 32
- * M10 Fixings for retort scaffolding
- * 2 PTFE coated stirring bars
- * "Hot" warning indicator will flash when hob temperature is above 50°C, even when hob is turned off

MSH-1D digital, additional features

- * Digital setting and control temperature and stirring speed
- * Set and actual temperature 1°C
- * Auto setting over temperature alarm +20°C above set point, disables heating
- * PTFE coated remote probe for immersion into flasks, for direct temperature control up to 200°C, also detachable for direct hob temperature control
- * Set and actual stirring speed displayed



Triple place

MSH-3

-

-

3 x 700W

325°C

Analogue

160 x 160mm [3 places]

160 x 160mm [3 places]

100 - 1500rpm

600w x 300d x 110h mm

ACCESSORIES

Cat. No. Description

8614 Retort rod

BX0446 Magnetic followers 20mm

BX0447 Magnetic followers 40mm



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

