Multi-Position Heating Mantle - Several-Row Flask Heater - 2, 4 or 6 Places - 100-1000 ml, 450°C

Model **MSHMD-2P5SWISS, MSHMD-2P10SWISS, MSHMD-2P20SWISS, MSHMD-4P5SWISS, MSHMD-4P10SWISS, MSHMD-4P20SWISS, MSHMD-6P2SWISS, MSHMD-6P5SWISS, MSHMD-6P10SWISS, MSHMD-6P20SWISS** | Brand **Master Science**









The Master Science Multi-Position Heating Mantle lets you heat several round-bottom flasks side by side on one compact bench unit. It is available with 2, 4 or 6 positions for 250, 500 or 1000 ml flasks, plus a 6-position version for 100 ml flasks.

KEY HIGHLIGHTS

- Parallel heating
- Even flask heating
- Economical design

AT A GLANCE

RT+20 to 250°C
TEMPERATURE RANGE

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Overview

Each position has electronic temperature regulation from RT+20°C to 250°C and heats by surface conduction from nickel-chromium alloy wire, reaching up to 450°C at the surface. Without built-in stirring, the Master Science Multi-Position Heating Mantle is a simple, economical choice for parallel heating, reflux and extraction.

Using many separate mantles crowds the bench. The Master Science Multi-Position Heating Mantle helps with:

Overview

- Electronic temperature regulation
- RT+20 to 250°C
- Nickel-chromium alloy wire, 450°C surface max.

Key Benefits

Parallel heating
Up to six flasks on one unit.

Individual regulation
Electronic temperature control for each position.

Even flask heating
Surface conduction wraps heat around the flask.

Economical design
Heating-only version without stirrers.

Need stirring as well? See our multi-position stirring heating mantle.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSHMD-2P5SWISS, MSHMD-2P10SWISS, MSHMD-2P20SWISS, MSHMD-4P5SWISS, MSHMD-4P10SWISS, MSHMD-4P20SWISS, MSHMD-6P2SWISS, MSHMD-6P5SWISS, MSHMD-6P10SWISS, MSHMD-6P20SWISS
SKU	MSHMD-2P5SWISS, MSHMD-2P10SWISS, MSHMD-2P20SWISS, MSHMD-4P5SWISS, MSHMD-4P10SWISS, MSHMD-4P20SWISS, MSHMD-6P2SWISS, MSHMD-6P5SWISS, MSHMD-6P10SWISS, MSHMD-6P20SWISS
Brand	Master Science
Models	MSHMD-2P5/2P10/2P20SWISS, MSHMD-4P5/4P10/4P20SWISS, MSHMD-6P2/6P5/6P10/6P20SWISS
SKU	MSHMD-2P5SWISS, MSHMD-2P10SWISS, MSHMD-2P20SWISS, MSHMD-4P5SWISS, MSHMD-4P10SWISS, MSHMD-4P20SWISS, MSHMD-6P2SWISS, MSHMD-6P5SWISS, MSHMD-6P10SWISS, MSHMD-6P20SWISS
Flask Capacity	**2 × 250/500/1000 ml; 4 × 250/500/1000 ml; 6 × 100/250/500/1000 ml**
Heating Mode	Surface heat conduction
General	Max. Surface Temperature: 450°C
Temperature Range	**RT+20 to 250°C**
Heating Element	Nickel-chromium alloy wire
Outer Shell	Cold-rolled steel, powder coated
Operation	Continuous

POWER	
Heating Power per Position	100 ml: 0.1 kW; 250 ml: 0.15 kW; 500 ml: 0.25 kW; 1000 ml: 0.35 kW
Voltage	100-120 V or 200-240 V (larger models 200-240 V)

DIMENSIONS & WEIGHT	
Exterior Size	From 320 × 160 × 170 mm (2 × 250 ml) to 1240 × 210 × 200 mm (6 × 1000 ml)

PROBLEMS THE MASTER SCIENCE MULTI-POSITION HEATING MANTLE SOLVES	
Crowded fume hoods	One unit holds up to six flasks.
Uneven heating	Mantle surface conduction heats flasks evenly.
Different conditions per flask	Each position is regulated separately.
Budget constraints	A heating-only design keeps cost down.

Applications

The Master Science Multi-Position Heating Mantle is used for: Parallel reflux and distillation Solvent extraction Teaching laboratories with several student stations Sample digestion in round-bottom flasks Chemical and pharmaceutical labs

Construction

- Powder-coated cold-rolled steel shell
- Continuous operation

Configurations

- 2, 4 or 6 positions
- Flask sizes 100 to 1000 ml
- Individual control panel per position

Standard Accessories Included

- Heating mantle main unit