



## VWR™ Hotplates, Stirrers and Hotplate Stirrers

Performance,

Reliability,

Safety



#82026-776

**3 - YEAR LIMITED WARRANTY**

# VWR Hotplate Stirrers

## VMS-C4, VMS-C7, VMS-C10

- Seamless ceramic top plate
- Available in three different sizes
- Digital error code display
- Temperature range 50 - 500 °C
- Wide speed range (100 - 1,500 min<sup>-1</sup>)



VMS-C10

- Fixed safety circuit:** Shuts off heater if temperature rises above 550 °C
- Hot top indicator:** Light flashes to warn user that the surface is hot to the touch
- Digital display:** Allows for accurate and repeatable temperature settings
- Powerful motor:** Stirs viscous materials with a maximum volume of 15 l (H<sub>2</sub>O)
- Strong magnet:** High magnetic adhesion prevents stir bar decoupling
- Microprocessor control:** Sends feedback to the motor and hotplate to maintain constant speed and set temperature
- Ceramic top:** Seamless one-piece ceramic top provides excellent resistance to chemicals
- Temperature controller:** Connection for VT-4 contact thermometer enables precise temperature control of the medium (VMS-C7, VMS-C10)
- Elevated control panel:** Minimises contact with spills and allows for easy reading and adjustment of controls

Technical data	VMS-C4	VMS-C7	VMS-C10
Stirring quantity (H <sub>2</sub> O)	5 l	10 l	15 l
Speed range	100 – 1,500 min <sup>-1</sup>	100 – 1,500 min <sup>-1</sup>	100 – 1,500 min <sup>-1</sup>
Temperature range	50 – 500 °C	50 – 500 °C	50 – 500 °C
Heat output	250 W	1,000 W	1,500 W
Sensor for temperature in medium	no	VT-4	VT-4
Fixed safety circuit	550 °C	550 °C	550 °C
Material heating plate	glass-ceramics	glass-ceramics	glass-ceramics
Dimensions heating plate	120 x 120 mm	200 x 200 mm	280 x 280 mm
Dimensions ( W x D x H)	150 x 260 x 105 mm	220 x 330 x 105 mm	300 x 415 x 105 mm
Weight	approx. 3 kg	approx. 5 kg	approx. 6 kg
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
Certifications	UL / CUL / CE	UL / CUL / CE	UL / CUL / CE
Cat. No.	442-0559	442-0560	442-0561

## VWR™ Hotplate Stirrers - VMS



### VWR™ Magnetic Stirrers with Heating

- Seamless ceramic top plate
- 4 x 4, 7 x 7, 10 x 10 models
- Temp range 50 - 500°C
- Wide speed range (100 - 1500 rpm)



# 82026-776

**Digital Display** - Allows for accurate and repeatable temperature settings.

**Microprocessor Control** - Sends feedback to the motor to maintain constant speed.

**Temperature Controller** - Connection for VT-4 contact thermometer enables precise temperature control of the medium.

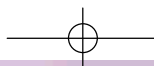
**Ceramic Top** - Seamless one-piece ceramic top provides excellent resistance to chemicals.

**Elevated Control Panel** - Minimizes contact with spills and allows for easy reading and adjustment of controls.

**Powerful Motor** - Provides excellent slow speed control.

**3-Year Warranty** - Limited parts and labor warranty from time of purchase.

SPECIFICATIONS	VMS - C4	VMS - C7	VMS - C10
VWR Cat #	82026-772	82026-776	82026-780
Voltage	115 v	115 v	115 v
Stirring Quantity (H <sub>2</sub> O)	5 l	10 l	15 l
Speed Display	scale	scale	scale
Speed Range	100 - 1500 rpm	100 - 1500 rpm	100 - 1500 rpm
Heat Power	250 W	1000 W	1500 W
Temperature Range	50 - 500°C	50 - 500°C	50 - 500°C
Connection for Temp Controller	no	yes	yes
Fixed Safety Circuit	550°C	550°C	550°C
Material Heating Plate	glass-ceramic	glass-ceramic	glass-ceramic
Dimensions Heating Plate	4 x 4 in	7 x 7 in	10 x 10 in
Dimensions (W x D x H)	150 x 260 x 105 mm	220 x 335 x 105 mm	300 x 415 x 105 mm
Weight	approx. 6.5 lb	approx. 11 lb	approx. 13 lb
Certifications	UL / CUL / CE	UL / CUL / CE	UL / CUL / CE
LIST PRICE	\$338.00	\$358.00	\$478.00



## General Laboratory

### Equipment Stirrers

## Magnetic Hotplate Stirrers, VMS-C Series



Compact stirrers with a chemically resistant ceramic top. The elevated control panel minimises contact with spills and enables easy reading and adjustment of the temperature. Units feature a digital error code display, a hot top indicator to warn user that surface is hot and the strong magnetic adhesion prevents stirring bar decoupling.

- Microprocessor control sends feedback to the motor and hotplate to maintain constant speed and set temperature
- VMS-C7 and VMS-C10 can be used with VT-5 contact thermometer, enabling precise temperature control
- Fixed safety circuit shuts off heater if temperature rises above 550 °C
- Digital display ensures accurate and repeatable temperature settings

IP Protection Class according to DIN EN 60529: IP 21



Model	VMS-C4	VMS-C7	VMS-C10
Maximum Stirring Capacity H <sub>2</sub> O (l)	5	10	15
Speed Range (min <sup>-1</sup> )	100 to 1500		
Temperature Range (°C)	50 to 500		
Power Input/ Output (W)	15/1.5		
Heat Output (W)	250	1000	1500
Plate Material	Ceramic glass		
Plate Dimensions (mm)	120x120	200x200	280x280
WxDxH (mm)	150x260x105	220x330x105	300x415x105
Weight (kg)	3	5	6

Description	Pk	Cat. No.	€
VMS-C4, EU-plug	1	442-0553	323,00 W
VMS-C4, UK-plug	1	442-0559	304,00
VMS-C4, CH-plug	1	442-0565	304,00
VMS-C7, EU-plug	1	442-0554	396,00 W
VMS-C7, UK-plug	1	442-0560	378,00
VMS-C7, CH-plug	1	442-0566	378,00
VMS-C10, EU-plug	1	442-0555	437,00 W
VMS-C10, UK-plug	1	442-0561	421,00
VMS-C10, CH-plug	1	442-0567	421,00

### Accessories

Description	Pk	Cat. No.	€
Electronic contact thermometer, with probe PT1000, VT-5	1	442-0573	280,00 W
Support rod, stainless steel, length 450 mm, Ø 10 mm, for all stirrers with M10 thread	1	442-2041	55,00 B
Bosshead clamp	1	442-2043	24,50 B
Glass coated sensor for use with ETS-D5/ETS-D6 and VT-5	1	442-0316	214,00 B
Holding rod, for fastening ETS-D5/ETS-D6 or VT-5 to the support rod	1	431-2888	24,50 B
Extension cable, separates casing from the sensor, avoiding damage from vapours released by medium	1	620-8104	101,00 B

## VWR™ STIRRERS

### VWR™ Lab Disc

- Speed range 0 - 1500 rpm
- Ultra-flat (height 10mm)
- Weighs less than 1 lb
- Volume 800 ml



**VWR Cat. #**  
82007-828

**List Price**  
\$ 154.00

*"So thin it fits in your pocket"*

### VWR™ Color Squid

- Speed range 0 - 1500 rpm
- Volume 0.8 liters
- Diameter 110 mm
- Glass top



**VWR Cat. #**  
82017-652

**List Price**  
\$ 162.00

*"Chemical resistant glass top"*

### VWR™ Big Squid

- Speed range 0 - 1500 rpm
- Volume 1.5 liters
- Diameter 160 mm
- Glass top



**VWR Cat. #**  
82017-814

**List Price**  
\$ 185.00

*"Add some color to your Lab"*



### VWR™ Spinplus Stir Bars

Mixes speedily and efficiently. The plus-sign shape creates a deep vortex and provides stable, quiet operation. PTFE resin coated. Order each size separately or choose five-piece assortment (one of each size)

L x Diam., mm (in)	VWR Catalog #	Unit	List
9.5 x 9.5 (3/8 x 3/8)	58947-820	Pack of 50	\$322.25
		Each	\$6.44
19.1 x 19.1 (3/4 x 3/4)	58947-822	Pack of 50	\$370.84
		Each	\$7.42
25.4 x 25.4 (1 x 1)	58947-824	Case of 50	\$396.41
		Each	\$7.93
32 x 32 (1 1/4 x 1 1/4)	58947-826	Pack of 50	\$450.12
		Each	\$9.00
38 x 38 (1 1/2 x 1 1/2)	58947-828	Pack of 50	\$503.83
		Each	\$10.08
Assortment	58947-830	Each	\$45.78

**VWR** 

**vwr.com 1.800.932.5000**

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