

DMS5

**LCD Digital 5-Inch Timed
Magnetic Stirrer**

DMS4

**LCD Digital 4-Inch Timed
Magnetic Stirrer**

DMS7

**LCD Digital 7-Inch Timed
Magnetic Stirrer**

NEW



DMS7



DMS5



DMS4

Features

- Ceramic top plate (7-inch / 4-inch models only) offers outstanding corrosion resistance, with excellent resistance to strong acids, strong alkalis, and high temperatures; easy to clean if solvents, oils, or other contaminants are accidentally spilled.
- Corrosion-resistant all-metal housing provides efficient heat dissipation and reliable fire protection.
- High-efficiency diversion platform and waterproof edge design help prevent liquids from entering the unit and corroding electronic components.
- Selected high-temperature-resistant permanent magnets provide strong stirring performance, making the unit suitable for stirring viscous liquids.
- Safety lock prevents accidental changes to the operating status.
- Buzzer alarm: when the unit malfunctions or the timer countdown ends, the buzzer emits a “beep-beep-beep” alert.
- Dual independent safety circuits continuously monitor the unit. In the event of a short circuit, the unit automatically cuts off power to ensure operator safety.
- Brushless DC motor delivers spark-free operation, long service life, low noise, maintenance-free performance, and smooth running.
- LCD display shows both set values and real-time values for speed and time, providing clear and intuitive operation.
- Timer function with a timing range of 1 min to 99 h 59 min.
- Remote control function allows connection to a computer.

Specifications	DMS7	DMS5	DMS4
Working plate size	184x184mm (7 inch)	Ø135mm (5 inch)	100x100mm (4 inch)
Plate Material	Glass Ceramic	Aluminium with ceramic coating	Glass Ceramic
Motor type	Brushless DC motor	Brushless DC motor	Brushless DC motor
Stirring positions	1	1	1
Maximum stirring volume [H ₂ O]	20L	20L	10L
Maximum stirrer size [length]	80mm	80mm	40mm
Speed range and step	50-1500rpm, increment 1rpm	50-1500rpm, increment 1rpm	50-1500rpm, step 1rpm
Speed Display	LCD	LCD	LCD
Data connection	RS232	RS232	RS232
Protection class	IP21	IP42	IP21
Timer function	1min-99h59min	1min-99h59min	1min-99h59min
Motor output power	10W	10W	10W
Power	50W	30W	30W
Voltage, Frequency	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz
Dimensions [L x W x H]	360x230x110mm	270x175x108mm	270x175x108mm
Weight	4.3kg	1.8kg	1.8kg
Permissible ambient temperature and humidity	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH



RS232 connector



Chemical resistance



Brushless DC motor