MAGNETIC STIRRING WATER BATH

KP-MSWB SERIES / LABORATORY SAMPLE PREPARATION

The KP-MSWB Series is designed for laboratory mixing and sample preparation.
Choose magnetic stirring (A) or stirring with a thermostatic water bath (AB).



AB models shown / 1, 2, 4 and 6 positions

PRODUCT AT A GLANCE

Stirring positions
1, 2, 4 or 6

Stirring volume
Up to 1,000 mL per position

Stirring speed
Adjustable up to 2,400 rpm

Bath temperature (AB)
Ambient +5°C to 100°C

KEY FEATURES

Independent speed adjustment
Set the stirring speed separately at each position.

Thermostatic water bath (AB)
Heat and stir samples together in a stainless steel bath.

Digital temperature control (AB)
A built-in probe monitors bath temperature.

TYPICAL LABORATORY APPLICATIONS

Application area	Typical use
Chemical laboratories	Reagent preparation and solution mixing
Biology and pharmaceutical R&D	Sample mixing and temperature-controlled processing
Universities and research institutes	Experimental sample preparation and teaching
Quality control laboratories	Routine solution preparation and testing

CONFIGURATION & SELECTION

Select the number of positions by sample throughput. Choose AB when heating is required.

For AB models, check vessel fit and drain outlet availability against the table on page 2.

MODEL CONFIGURATION & TECHNICAL DATA

KP-MSWB SERIES / MODEL SELECTION AND SPECIFICATIONS

MODEL CONFIGURATION

Positions	A model	AB model	AB heating power	AB drain outlet
1	KP-MSWB-1A	KP-MSWB-1AB	400 W	No
2	KP-MSWB-2A	KP-MSWB-2AB	800 W	No
4	KP-MSWB-4A	KP-MSWB-4AB	1,600 W	Yes
6	KP-MSWB-6A	KP-MSWB-6AB	2,400 W	Yes

GENERAL TECHNICAL SPECIFICATIONS

Parameter	All A and AB models
Stirring speed	Adjustable up to 2,400 rpm
Speed control	Independent at each position
Maximum stirring volume	1,000 mL per position
Stirring motor power	40 W per position
Timer range	0–999 min
Display	Digital LED
Stir bar construction	PTFE and magnetic steel
Power supply	220 V AC, 50 Hz

THERMOSTATIC WATER BATH & VESSEL FIT

Parameter	AB models only
Bath temperature range	Ambient +5°C to 100°C
Bath temperature control accuracy	±0.1°C
Bath temperature fluctuation	±0.5°C
Sensor / heating method	Built-in probe / immersion ring heater
Bath material	Stainless steel
Single bath diameter × height	200 × 120 mm
Heating ring inner diameter	130 mm
Compatible beaker outside diameter	<130 mm

AB models use a shared bath temperature setting. Temperature specifications apply to the bath.