Hei-Mix S P/N: 503-02000-00



Stirring up to 5 liters without heating

The Hei-Mix S is the first choice for titrations and biochemical applications such as those associated with operating a small fermenter. The PVDF (thermoplastic fluoropolymer) footprint is of white color: In this way, color changes during the application can be precisely tracked.

The Hei-Mix S also has a robust housing made of polyamide and is suitable for continuous operation with stirring volumes of up to 5 liters. Thanks to a wide speed range of up to 2,200 rpm, you can mix your sample quickly but gently. Efficient work is therefore guaranteed.

In addition, you save space in your laboratory because the Hei-Mix S requires only $126 \times 80 \times 140$ mm of space with a footprint of 104 mm in diameter.

Hei-MIX S - Technical Data

Permissible ambient conditions5 - 31 °C at 80 % rel. humidity 32 - 40 °C decreasing linearly up to max. 50 % rel. humidityWeight1.1 kgProtection class DIN EN 60529IP 21DriveShaded pole motorTimer-Display0 - 2,200 rpmMax. stirring capacity (H2O)51Dimensions (w/d/h)140 x 126 x 80 mmSpeed accuracy±5 %Heating power-Accuracy temperature setting-Accuracy temperature setting-Temperature accuracy with external temp. sensor-Sensor breakage protection-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Residual heat indicator-Shafety circuit hotplate-Prover consumption7 WPlat diameter ø104 mm	Analog / digital interface	-
Protection class DIN EN 60529IP 21DriveShaded pole motorTimer-Display-Rotation speed range0 - 2,200 rpmMax. stirring capacity (H2O)5 1Dimensions (w/d/h)140 x 126 x 80 mmSpeed accuracy±5 %Heating power-Hotplate temperature-Accuracy temperature setting-External temperature setting-Sensor breakage protection-Temperature accuracy with external tempSensor breakage protection-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Permissible ambient conditions	decreasing linearly up to max. 50 % rel.
DriveShaded pole motorTimer-Display-Rotation speed range0 - 2,200 rpmMax. stirring capacity (H2O)5 IDimensions (w/d/h)140 x 126 x 80 mmSpeed accuracy±5 %Heating power-Hotplate temperatureoMax. stirring capacity is external temperature, max.°CAccuracy temperature setting-External temperature setting-Sensor breakage protection-Temperature accuracy with external temp. sensor-Sensor breakage protection-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Weight	1.1 kg
Timer-Display-Rotation speed range0 - 2,200 rpmMax. stirring capacity (H2O)51Dimensions (w/d/h)140 x 126 x 80 mmSpeed accuracy±5 %Heating power-Hotplate temperature°CAccuracy temperature, max.°CAccuracy temperature setting-External temperature setting-Sensor breakage protection-Temperature accuracy with external temp. sensor-Sensor breakage protection-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6kgPower consumption7 W	Protection class DIN EN 60529	IP 21
Display-Rotation speed range0 - 2,200 rpmMax. stirring capacity (H2O)5 1Dimensions (w/d/h)140 x 126 x 80 mmSpeed accuracy±5 %Heating power-Hotplate temperature-Medium temperature, max.°CAccuracy temperature setting-External temperature setting-Sensor breakage protection-Temperature control-Temperature accuracy with external tempSensor breakage protection-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Drive	Shaded pole motor
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Max. stirring capacity (H2O)5 IDimensions (w/d/h)140 x 126 x 80 mmSpeed accuracy±5 %Heating power-Hotplate temperature-Medium temperature, max.°CAccuracy temperature setting-External temperature sensor-Temperature accuracy with external temp. sensor-Sensor breakage protection-Temperature accuracy hotplate-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Display	-
Dimensions (w/d/h)140 x 126 x 80 mmSpeed accuracy±5 %Heating power-Hotplate temperature-Medium temperature, max.°CAccuracy temperature setting-External temperature sensor-Temperature accuracy with external temp. sensor-Sensor breakage protection-Temperature control-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Rotation speed range	0 - 2,200 rpm
Speed accuracy±5 %Heating power-Hotplate temperature-Medium temperature, max.°CAccuracy temperature setting-External temperature sensor-Temperature accuracy with external temp. sensor-Sensor breakage protection-Temperature accuracy hotplate-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Max. stirring capacity (H2O)	51
Heating power-Hotplate temperature-Medium temperature, max.°CAccuracy temperature setting-External temperature sensor-Temperature accuracy with external temp. sensor-Sensor breakage protection-Temperature control-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Dimensions (w/d/h)	140 x 126 x 80 mm
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External temperature sensor-Temperature accuracy with external temp. sensor-Sensor breakage protection-Temperature control-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Medium temperature, max.	°C
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sensor Sensor breakage protection - Temperature control - Temperature accuracy hotplate - Residual heat indicator - Safety circuit hotplate - Max. Load 6 kg Power consumption 7 W	External temperature sensor	-
Temperature control-Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W		-
Temperature accuracy hotplate-Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Sensor breakage protection	-
Residual heat indicator-Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Temperature control	-
Safety circuit hotplate-Max. Load6 kgPower consumption7 W	Temperature accuracy hotplate	-
Max. Load6 kgPower consumption7 W	Residual heat indicator	-
Power consumption 7 W	Safety circuit hotplate	-
	Max. Load	6 kg
Plate diameter ø 104 mm	Power consumption	7 W
	Plate diameter ø	104 mm

Plate material	PVDF
Operating Mode	continuous
Smooth start	1