

## MSH-0512 Overhead Stirrers (Advanced Model)

Manufacturer:

SKU#: 8194-10-1128



- Years of vibration-free and silent operation.
  - Equipped with a maintenance-free BLDC motor to generate smooth, quiet, and yet powerful stirring.
- Maintenance of constant motor speed by PID feedback control system even under conditions of changing viscosity.
- Powerful torque capable of handling high viscosity tasks. In addition, the varying motor torque is indicated on display in real time.
- Motor temperature condition is indicated on display by three different colors to protect motor.
- Stirring directions are selectable depending on each impeller's shape and the set direction is visible on display.
- Screen lock function prevents accidental changes during operation.
- Best effort function intelligently manages its stirring speed to keep stirring even workload is out of its capacity.
- Safety features against overload and overheating.
  - When it comes to heavy workload, it tries to activate best effort function. But if it determines that performing the work is harmful for it, than it stops stirring.
  - Equipped with a mini fan inside to minimize overheating of the motor.
- Prevention of accidental spills or splashes thanks to microprocessor controlled smooth start and stop functions.
  
- Separated adapter from the main body minimizes the risks of electrical hazards to the users.
  
- Built-in USB port for external control and data collection. (Lab Companion software required)

### Product Description

Ideally perform your professional stirring tasks requiring high functionality, safety, and longevity. Intelligent speed controller enables reproducible results under varying viscosity condition. your high standard stirring needs can be met by our considerate design and safety features.

### MSH-0512 Overhead Stirrers (Advanced Model) Specification

Model	MSH-0512
Technical Data	Speed Control
Speed Range (rpm)	50 ~ 1,200
Display	Digital-LCD

Stirring Capacity, Max. (L, H2O)	20
Torque, Max. (N cm)	41.6
Motor Rating Output (W)	50
General Data	Body Material
Dimension (mm / inch, W D H)	80x181x235 / 3.14 7.13 9.25
Net Weight (Kg / lbs)	3.1 / 6.83
Electrical Requirements	AC 100 ~ 240V, 50 / 60Hz
Safety Device	Thermal protection, Current protection, Emergency stop, Automatic speed control
Shaft Die, Max (mm / Inch)	3 ~ 10 / 0.12 ~ 0.39
Protection Class (DIN EN 60529)	IP20
Cat. No.	KR plug
US plug	AAH371415U

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