

Digital, positive rotation, reverse rotation, automatic positive/reverse rotation set-in function and time set-in function



WL1040L, WL1080L

## Features

- ▶ Sparkless, adapting durable and excellent brushless DC motor
- ▶ Feedback control system maintains the accurate speed and uniform torque
- ▶ No speed variation in the rating torque even though changing viscosity
- ▶ Torque indicating lamp by changing viscosity
- ▶ Smooth acceleration allows unit to reach set rpm without spillage.
- ▶ Narrow width designed for the effective application
- ▶ Small, light weight and air-tight construction with less noise and designed in safety
- ▶ Convenient, up and down control of the stirring shaft
- ▶ Electronic safety circuit
- ▶ Protection function on the overloaded torque
- ▶ Speed indicating(Scale) : Torque indicating lamp
- ▶ Speed display(Digital)
  - Digital indicating function
  - Timer set-in function
  - Function of the positive/reverse rotation, automatic positive/reverse rotating direction set-in mode
  - Excellent stirring effect when using the automatic positive/reverse rotation set-in

### WL10100L

As experimentally general stirrer for the medium and high viscosity materials, max. torque of 16kg·cm(156Ncm), in the basis of water, stirring up to 100L and stirring speed range of 50~600rpm

### WL10120L

Experimental stirrer for the high viscosity, stirring up to 120L for small volume of the high viscosity, in the basis of water, max. torque of 32kg·cm(313Ncm) and stirring speed range of 50~300rpm

### WL1040L

As experimentally general stirrer for the medium and low viscosity materials, max. torque of 4.8kg·cm(47Ncm), in the basis of water, stirring up to 40L and stirring speed range of 80~2000rpm

### WL1080L

Experimental stirrer for the medium viscosity, stirring up to 80L for small volume of the medium viscosity, in the basis of water, max. torque of 9.7kg·cm(95Ncm) and stirring speed range of 50~1000rpm

## Specifications

Model	WL1040L	WL1080L	WL10100L	WL10120L
Stirring Capacity (H <sub>2</sub> O)	40L	80L	100L	120L
Viscosity (Max.)	20,000mPas (low, medium)	50,000mPas (medium)	70,000mPas (medium, high)	150,000mPas (high)
Motor (output)	Brushless DC motor 100W			
Torque (Max.)	4.8kg · cm (47Ncm)	9.7kg · cm (95Ncm)	16kg · cm (156Ncm)	32kg · cm (313Ncm)
Speed Range	80~2000rpm	50~1000rpm	50~600rpm	50~300rpm
Speed Controller	Feedback control			
Speed Display	Digital			
Rotations	1, Right 2, Left(Operation) 3, Auto reverse (Reverse time setting)			
Timer	99hr 59min			
Chuck Range	∅1~10mm			
Dimensions (W×D×H)	78×190×170mm			
Weight	3.2Kg			
Electrical Supply	220V 50/60Hz			