

## Remotely Controllable Ultra High Torque / High Speed Stirrers WB1800-EC



- > Suitable for reaction systems and other high torque / high speed applications
- > Set speed can be maintained when viscosity of liquid changes
- > Brushless DC motor made in Germany, for high performance stirring processes
- > Maintenance-free
- > Quiet and reliable
- > Digitally adjustable rotation speed and direction
- > Remote controller can display actual speed and actual torque as well as the set speed
- > Digital (RS-232/485) and analog communication available for remote PC or PLC control

### Performance

- > Years of vibration-free and silent operation.
- > Powerful torque capable of handling high viscosity tasks.
- > Maintenance of constant motor speed by PID feedback control system even under conditions of changing viscosity.
- > Best effort function intelligently manages its stirring speed to keep stirring even workload is out of its capacity.
- > Prevention of accidental spills or splashes thanks to microprocessor controlled smooth start and stop functions.

Practical external controller.

- > Intuitive and easy control with touch TFT.
  - > It enables convenient and safe external control without opening the sash of the fume hood or safety cabinet.
- Compact and slim head design for diverse flexibility in configuring other test equipment and accessories. (Optional)

Safety

- > Sturdy aluminum main body efficiently absorbing and emitting the heat generated by the motor.
- > Separated adapter from the main body minimizes the risks of electrical hazards to the users.

### Specifications

Model	WB1800-EC
Control Type	TFT Display for Speed and Torque and On-Touch Control
Speed Range (rpm)	20-800
Speed Accuracy(rpm)	±1
Maximum Viscosity (cps)	300000
Maximum Torque (N-cm)	1640
Rated Torque (N-cm)	464
Maximum Capacity (L) H <sub>2</sub> O	50
Power (W)	450
Dimensions (W × L × H in mm)	225×75×75
Motor Weight (Kg)	3.4
Order No.	100602

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