

## High Torque / High Speed Overhead Stirrers WB1800-D



Specially designed for optimum usability and the highest efficiency in the same class with advanced safety features.

- > Brushless DC motor
- > Totally enclosed and compact metal casing
- > Smart and convenient on-touch control
- > TFT Display for better image quality and easy navigation
- > Bright TFT screen, which can display for monitoring of set speed, actual speed and torque
- > Transmission can be switched between low speed / high torque, and high speed / low torque
- > Easily adjustable spinning chuck
- > Precise speed adjustment
- > Set speed can be maintained when viscosity of liquid changes
- > Easy and time saving impeller adjustments
- > Digital and analog interface available
- > Monitoring and control via PC software
- > Wireless Controller (WiCo) Removable wireless controller for easy and user-friendly operation
- > USB interface to control and document rheological changes and other parameters using lab world soft software and for updating your firmware
- > External probe for connection to a temperature sensor for accurate temperature control



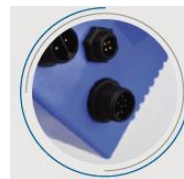
A through-shaft design allows for adjusting the impeller position to make height adjustment more convenient



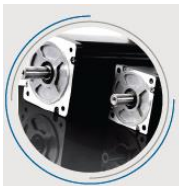
Ease of operation  
Smart and convenient on-touch control



Precise speed adjustment  
Speed Range 20-1800rpm, Maintenance of constant motor speed by PID feedback control system even under conditions of changing viscosity.



Digital and analog interface available  
The stirrer comes equipped with a RS232 and a USB interface to control and document all parameters.



Brushless DC motor  
for longer life span, low maintenance and higher efficiency



Keyless chuck  
It allows you to quickly and easily remove the stirring elements without any tools. Clamping range: 0.5-10mm



TFT Display  
for better image quality and easy navigation



High Torque / High Speed  
Offering the best mixing results, even for challenging applications

## Specifications

Please note that other overhead stirrer models are available on request, please contact wiggens for further information.

Model	WB1800-D
Display / Control Mode	TFT Digital Display /On-Touch Control
Speed Accuracy (rpm)	± 1rpm
Torque Accuracy (in-lb)	± 5%
Speed Range (rpm)	Low: 20~360
	High: 361~1800
Torque (N-cm)	Low: 563
	High: 113
Maximum Viscosity (cps)	150000
Maximum Torque (N-cm)	563
Chuck range max. diameter (mm)	10
Maximum Capacity (L) H2O	40
Output Power (W)	150
Dimensions (W × L × H in mm)	200x95x230
Motor Weight (Kg)	5
Order No.	100600

## Order Information

additional order no.: WBXX00-D-P1, P2 and P3



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