Stirring —— Overhead Stirrer (20L / 40L / 50L)

FEATURES

- Compact, Lightweight and Sleek design
- Speed Range: 50rpm~2000rpm
- Provides constant speed even with changes in viscosities of t he sample
- Wide LED display for precise speed adjustment and monitoring
- LED display shows actual and set speeds alternately
- Overload protection system if the torque exceeds the stirrer ratings
- Safety circuits: Circuit auto cut-off feature for additional protection
- Maintenance-free Brushless DC motor
- The through-shaft housing design allows for easy impeller height adjustments and thereby less downtime in between sample changes









SPECIFICATIONS

Model	OHS-20D	OHS-40D	OHS-60D
Voltage [V]	100 V-240V	100 V-240V	100 V-240V
Frequency [Hz]	50/60	50/60	50/60
Max. input power [W]	72	145	220
Speed range under nominal load [rpm]	0/50-2000	0/50-2000	0/50-2000
Speed increment [rpm]	Stepless, 10rpm	Stepless, 10rpm	Stepless, 10rpm
Speed accuracy	±1%	±1%	±1%
Max. torque at stirrer shaft [N.cm]	20	40	60
Max. stirring quantity (H_2O)	20L	40L	50L
Max. Viscosity [mPas]	10,000	50,000	50,000(2000rpm) 100,000(1000rpm)
Speed display	LED	LED	LED
Protection class according to DIN EN 60529	IP42	IP42	IP42
Protection at overload	Yes	Yes	Yes
Motor protection	Yes	Yes	Yes
Over temperature protection	Yes	Yes	Yes
Permissible ambient temperature	5-40°C	5-40°C	5-40°C
Permissible relative humidity	80%	80%	80%
Clamping chuck-clamping range	0.5-10mm	0.5-10mm	0.5-10mm
Dimensions (WxDxH) (without extension arm) [mm]	71x174x240	71x174x240	71x174x240
Weight (with extension arm and clamping chuck) [kg]	2.3	2.5	2.5



ACCESSORIES

PTFE-COATED STIRRER

	CENTRIFUGAL STIRRER OHS-20D-0101 Shaft length: 35cm Shaft diameter: 0.6cm Stirrer diameter: 8.8cm		STRAIGHT STIRRER OHS-20D-0102 Shaft length: 35cm Shaft diameter: 0.6cm Stirrer diameter: 6.7cm
	4-BLADED STRAIGHT STIRRER OHS-20D-0103 Shaft length: 35cm Shaft diameter: 0.6cm Stirrer diameter: 6.4cm		3-BLADED PROPELLER STIRRER OHS-20D-0104 Shaft length: 35cm Shaft diameter: 0.8cm Stirrer diameter: 5.6cm
	4-BLADED PROPELLER STIRRER OHS-20D-0105 Shaft length: 35cm Shaft diameter: 0.8cm Stirrer diameter: 6cm		PADDLE STIRRER OHS-20D-0106 Shaft length: 35cm Shaft diameter: 0.6cm Stirrer diameter: 6.7cm

304 STAINLESS STEEL STIRRER

	ANCHOR STIRRER OHS-20D-0201 Shaft length: 35cm Shaft diameter: 0.8cm Stirrer diameter: 5cm		CENTRIFUGAL STIRRER OHS-20D-0202 Shaft length: 35cm Shaft diameter: 0.8cm Stirrer diameter: 9cm
	3-BLADED PROPELLER STIRRER OHS-20D-0203 Shaft length: 35cm Shaft diameter: 0.8cm Stirrer diameter: 5cm		4-BLADED STIRRER OHS-20D-02-008 Shaft length: 35cm Shaft diameter: 0.8cm Stirrer diameter: 5cm
	DISSOLVER STIRRER OHS-20D-0204 Shaft length: 35cm Shaft diameter: 0.8cm Stirrer diameter: 6cm		

OTHER ACCESSORIES

	UNIVERSAL PLATE STAND OHS-ST Material: 304 stainless steel Dimensions[W x D x H]: 32 x 20 x 80 cm		CHUCK WITH KEY OHS-MC Material: 304 stainless steel Clamping range: 0.5-10 mm
	CHUCK BY HAND OHS-HC Material: plastic + 304 stainless steel Clamping range: 0.5-10 mm		STRAP CLAMP FOR FIXING VESSEL OHS-CT Material: 304 stainless steel Vessel clamping range: 80-180 mm