

# Benchmark

## OS-20L and OS-40L Overhead Stirrers



- LCD control panel
- Compact and quiet
- Digital accuracy and convenience
- Includes:
  - Stand assembly
  - 4-arm stainless propeller
  - Keyless chuck with protective cover



Benchmark's Overhead Stirrers feature high torque and advanced digital microprocessor control for smooth mixing of low and medium viscosity samples. Speed and run time are accurately set and monitored on the LCD screen. Both the 20L and 40L capacity models are supplied with a 4 arm stainless steel propeller, additional steel and Teflon accessories are available. A feed-through chuck holds accessory shafts firmly in place and is easily tightened and loosened without tools.

The overhead stirrers are protected from damage by sensors that shut down operation in the case of high viscosity or obstruction, while a splash cover protects the connection mechanism from potential corrosion. Unlike most mixers, the Benchmark series is also supplied with a support stand and mounting hardware. The stirrer easily and securely attaches to the stand for compatibility with a variety of vessels, up to 24 inches high.

### Ordering Information

IPS2050-20 Benchmark OS-20L Overhead Stirrer, 20L\*  
 IPS2050-40 Benchmark OS-40L Overhead Stirrer, 40L\*

#### Optional Propellers and Paddles

Stainless Steel	Teflon
IPS2050-P-S1 One line propeller	IPS2050-P-T1 One line propeller
IPS2050-P-S2 Centrifugal impeller	IPS2050-P-T2 Centrifugal impeller
IPS2050-P-S3 Paddle w/flat holes	IPS2050-P-T3 Paddle w/flat holes
IPS2050-P-S4 4 arm propeller	IPS2050-P-T4 4 arm propeller

\*Includes stand and 4 arm propeller (IPS2050-P-S4)

### Optional Propellers and Paddles



IPS2050-P-S1  
 Arm Diameter: 60mm  
 Shaft diameter: 8mm



IPS2050-P-T1  
 Arm Diameter: 70mm  
 Shaft diameter: 6mm



IPS2050-P-S2  
 Arm Diameter: 90mm when open  
 Shaft diameter: 8mm



IPS2050-P-T2  
 Arm Diameter: 85mm when open  
 Shaft diameter: 6mm



IPS2050-P-S3  
 Arm Diameter: 68mm  
 Shaft diameter: 8mm



IPS2050-P-T3  
 Arm Diameter: 68mm  
 Shaft diameter: 6mm



IPS2050-P-S4  
 Arm Diameter: 50mm  
 Shaft diameter: 8mm

Included



IPS2050-P-T4  
 Arm Diameter: 65mm  
 Shaft diameter: 6mm

### Technical Data

	OS-20L	OS-40L
Model:	OS-20L	OS-40L
Mixing Capacity (H <sub>2</sub> O):	20L	40L
Maximum Torque:	40Ncm	60Ncm
Input Power:	60W	120W
Output Power:	50W	100W
Net Weight (Mixer):	2.6kg	2.8kg
Maximum Viscosity:	10000mPas	50000mPas
Speed Range:	30-2200rpm	
Motor Type:	DC Brushless Motor	
Chuck Diameter Range:	0.5-10mm	
Exterior Dimensions:	7.3 x 3.3 x 8.7 in	
(WxDxH)	18.6 x 8.3 x 22.0 cm	
Protection mode:	IP42	
Ambient Operating Range:	5-40°C	
Electrical Data:	100-240AC, 50-60Hz	