

E-OHS20-D

Digital Overhead Stirrer

Features

- LED screen for real-time speed monitoring
- Offers exceptional reliability and performance
- Wide speed range from 50 to 2200rpm
- Keyless chuck is easy and efficient
- Maintenance free Brushless DC motor offers long life
- Stirring paddle lift grip makes for easy container changes
- Safety circuits for overload protection
- Large chuck diameter accommodates various shaft types
- Includes the Universal Stand E-OHS-US and the Crossed Stirrer E-CS5/40-SS

Applications

The Eins-Sci Overhead Stirrers excel in tackling demanding tasks while prioritizing safety and guaranteeing performance. Their versatile applications include chemical synthesis, pharmaceutical synthesis, physical and chemical analysis, petrochemical industries, and more.

E-OHS-US
Included
Dimensions: 20x31x78cm
Material: SS and Cast Iron

LED
Display

Silicone Chuck
Cover included for
protection against
corrosive vapours



Code	Picture	Type	ø x length	Material	Application	Included
E-CS5/40-SS		Crossed Stirrer	5x40cm	316 SS	Standard stirring, for mixing at medium and high speeds	Yes
E-SBS6/40-SS		Straight Blade Stirrer	6x40cm	316 SS	Mixing low viscosity media at medium and high speeds	No
E-BS6.8/40-SS		Blade Stirrer	6.8x40cm	316 SS	Gentle mixing at low and medium speeds	No
E-CFS9/40-SS		Centrifugal Stirrer	9x40cm	316 SS	Perfect for vessels with narrow necks for mixing at medium and high speeds	No
E-AS6/40-SS		Anchor Stirrer	6x40cm	316 SS	Low speed stirring in medium and high viscosity liquids	No
E-RFS5/40-SS		Radial-flow Stirrer	5x40cm	316 SS	Medium and high speed agitation, recommended for treatment of gas in liquids	No
E-SS5/40-SS		Spiral Stirrer	5x40cm	316 SS	For liquid homogenization or suspension treatment, medium and high speed agitation	No
E-CS6.5/35-T		Crossed Stirrer	6.5x35cm	PTFE Coated	Standard stirring, for mixing at medium and high speeds	No
E-SBS7/35-T		Straight Blade Stirrer	7x35cm	PTFE Coated	Mixing low viscosity media at medium and high speeds	No
E-BS6.8/35-T		Blade Stirrer	6.8x35cm	PTFE Coated	Gentle mixing at low and medium speeds	No
E-CFS8.5/35-T		Centrifugal Stirrer	8.5x35cm	PTFE Coated	Perfect for vessels with narrow necks for mixing at medium and high speeds	No

NOTE: The specifications table for the E-OHS20-D is on the next page. All stirrer paddle shafts are 8mm diameter.

E-OHS20-P / E-OHS40-P

Advanced Overhead Stirrers



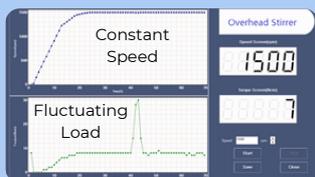
Features

- LCD displays the set/actual speed and torque
- Keyless chuck is easy and efficient
- Maintenance free Brushless DC motor offers long life
- The stirring paddle lift grip makes for easy container changes holding the paddle out of the way
- Starts smoothly to prevent sample splashing or overflow
- Silicone chuck cover included for protection against corrosive vapours
- Spillage and overload protection safety circuits
- Wide range of stirrer paddles available in stainless steel and Teflon (PTFE), see on previous page
- Includes the Universal Stand E-OHS-US and the Crossed Stirrer E-CS5/40-SS



Advanced Feature

The advanced -P models allow the speed to be set and offer accurate speed control irrespective of fluctuating load or viscosity changes in the sample, whereas the digital -D model simply displays the actual speed.



Specifications	E-OHS20-D	E-OHS20-P	E-OHS40-P
Max. stirring quantity (H ₂ O)	20L	20L	40L
Speed range	50~2200rpm	50~2200rpm	50~2200rpm
Speed display accuracy	±3rpm	±3rpm	±3rpm
Time settings range	-	-	-
Max. torque	40N·cm	40N·cm	60N·cm
Max. viscosity	10000mPa·s	10000mPa·s	50000mPa·s
Motor type	Brushless DC	Brushless DC	Brushless DC
Speed display	LED	LCD	LCD
Torque display	-	LCD	LCD
Overload protection display	LED	LCD	LCD
Chuck clamp range diameter	0.5~10mm	0.5~10mm	0.5~10mm
Motor input/output power	60W/50W	60W/50W	120W/100W
Voltage, Frequency	100~240V, 50/60 Hz	100~240V, 50/60 Hz	100~240V, 50/60 Hz
Power	70W	70W	130W
Data interface	-	RS232	RS232
Dimensions (WxHxD)	83 x 220 x 186mm	83 x 220 x 186mm	83 x 220 x 186mm
Weight (excl. E-OHS-US)	2.8kg	2.8kg	2.8kg
Permissible ambient conditions	5-40°C, 80%RH	5-40°C, 80%RH	5-40°C, 80%RH
Protection class	IP21	IP21	IP21

E-OHS70-P

70L Overhead Stirrer

Features

- Powerful stirring capability with built in timer
- LCD displays the set/actual speed, torque and time
- Stirring paddle lift grip makes for easy container changes
- The speed is controlled accurately irrespective of fluctuating loads and viscosity changes in the sample
- Keyless chuck is easy and efficient
- Starts smoothly to prevent sample splashing or overflow
- Spillage and overload protection safety circuits
- Wide range of stirrer paddles available including the smaller 20L and 40L stainless steel and Teflon (PTFE) bars
- Includes the Universal Stand E-OHS-US70 and the Crossed Stirrer E-CS10/60-SS



Specifications	E-OHS70-P
Max. stirring quantity (H ₂ O)	70L
Speed range	50~1100rpm
Speed display accuracy	±10rpm
Time settings range	0-99h59min
Max. torque	300N-cm
Max. viscosity	100000mPa-s
Motor type	Brushless DC
Speed display	LCD
Torque display	LCD
Overload protection display	LCD
Chuck clamp range diameter	0.5~10mm
Motor input/output power	180W/160W
Voltage, Frequency	100~240V, 50/60 Hz
Power	200W
Data interface	RS232
Dimensions (WxHxD)	83 x 220 x 186mm
Weight (excl. E-OHS-US70)	3.2kg
Permissible ambient conditions	5-40°C, 80%RH
Protection class	IP21

Applications

The Eins-Sci E-OHS70-P overhead stirrer is specifically designed for handling larger volumes of liquids or more viscous materials. It provides greater torque and power, enabling efficient stirring or mixing. These stirrers are commonly used in industrial-scale laboratories or production environments where there is a need to process significant quantities of samples/liquids.

Code	E-CS10/60-SS	E-BS10/60-SS	E-AS10/60-SS	E-DS10/60-SS	Code	E-OHS-US70
Picture					Picture	
Type	Crossed Stirrer	Blade Stirrer	Anchor Stirrer	Dissolving Stirrer	Type	70L Universal Stand
ø x length	10x60cm	10x60cm	10x60cm	10x60cm	Dimensions	33.5x46.3x78cm
Material	316 SS	316 SS	316 SS	316 SS	Material	SS and Cast Iron
Application	Standard stirring, medium and high speeds	Gentle mixing at low and medium speeds	Low speed stirring in medium and high viscosity liquids	Breaking down granules in a mixture with strong shear	Included	Yes
Included	Yes	No	No	No		

NOTE: Refer to the previous pages to view the compatible 20L and 40L stirrer paddles in 316SS and PTFE.