

E-LS7.5-P

Digital Linear Shaker

Application

The Eins-Sci E-LS7.5-P is well-suited for mixing substances in culture dishes, flasks, and beakers, making it ideal for applications such as cell culturing, sample aeration, and extraction processes. Its linear shaking motion ensures efficient mixing and aeration, while its compatibility with environmental chambers and CO2 incubators allows for controlled conditions during experiments or culturing.



Features

- Heavy duty advanced linear reciprocating shaker
- Max. capacity of 7.5kg capable of aggressive shaking
- Dual LCD display for speed and time
- Speed range of 100-350 rpm
- Continuous or timed operation mode
- Over speed detection and protection
- Wide range of optional accessories and platforms for various popular vessels
- Includes E-S-4BH-2 universal platform with 4 bars



RS232 port offers PC control and data transmission for the E-LS7.5-P, E-OS7.5-P, E-RS10-P and E-3DS5-P

Specifications	E-LS7.5-P
Amplitude	10mm
Max. load capacity (with platform)	7.5kg
Motor type	Brushless DC Motor
Motor input power	28W
Motor output power	15W
Speed range	100-350rpm
Speed display	LCD
Timer display	LCD
Time settings range	1min-19h59min
Included platform	E-S-4BH-2
Working platform dimensions (W x D)	300 x 300mm (E-S-4BH-2)
Voltage, Frequency	100-240V, 50/60Hz
Power	30W
Data interface	RS232
Dimension (W×D×H)	370 × 420 × 100mm
Weight	13.5kg
Permissible ambient conditions	5-40°C, 80%RH
Protection class	IP21

E-OS3F-D



Digital Orbital Shaker

Features

- Economic fixed platform digital orbital shaker with a max. capacity of 2kg, ideal for petri-dishes, micro-plates, centrifuge tubes and small flasks
- Dual LED display for speed and time
- Speed range 40-200rpm
- Provides smooth and uniform shaking
- Continuous or timed operation mode
- Maintenance- free brushless DC motor
- Over speed detection and protection
- Includes 4 elastic bands



Timer on both models

E-OS7.5-P



Advanced Orbital Shaker



Features

- Heavy duty advanced orbital shaker with a max. capacity of 7.5kg capable of aggressive shaking
- Dual LCD display for speed and time
- Speed range 100-500 rpm
- Continuous or timed operation mode
- Over speed detection and protection
- RS232 port offers PC control and data transmission
- Wide range of optional accessories and platforms for various popular vessels
- Includes E-S-4BH-2 universal platform with 4 bars



Application

The Eins-Sci orbital shakers are suitable for applications such as bacterial suspension, solubility studies, growth of bacteria / yeast, extraction procedures, aeration, washing procedures, diagnostics tests, staining & destaining, hybridization and general mixing. They can accommodate almost any vessel including micro-centrifuge tubes, culture / petri dishes, microplates, conical flasks and beakers while compatible with environmental chambers and CO2 incubators.

Specifications	E-OS3F-D	E-OS7.5-P
Amplitude	20mm	10mm
Max. load capacity (with platform)	2kg	7.5kg
Motor type	Brushless DC	Brushless DC
Motor input power	20W	28W
Motor output power	16W	15W
Speed range	40-200rpm	100-500rpm
Speed display	LED	LCD
Timer display	LED	LCD
Time settings range	1min-19h59min	1min-19h59min
Included platform	Fixed platform (cannot be changed)	E-S-4BH-2
Working platform dimensions (W x D)	240 x 240mm	300 x 300mm (E-S-4BH-2)
Voltage, Frequency	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	20W	30W
Data interface	-	RS232
Dimension (WxDxH)	294 x 348 x 123mm	370 x 420 x 100mm
Weight	3.1kg	12kg
Permissible ambient conditions	5-40°C, 80%RH	5-40°C, 80%RH
Protection class	IP21	IP21