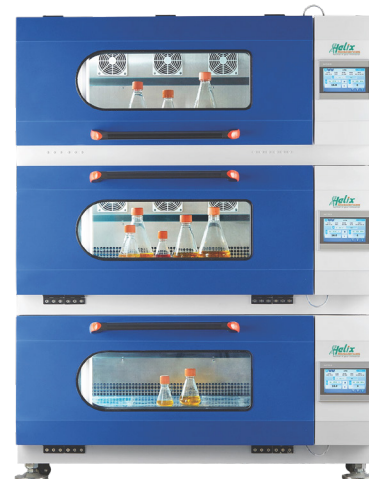


HBS315 UV STERILIZATION STACKABLE CO2 INCUBATOR SHAKER



Introduction :-

HBS315 is suitable for all types of cell culture, including CHO, hybridoma, mammalian cells, insect cells, etc. It is the most complete culture device for biological culture before entering fermenter culture. HBS315 features unique bearing technology for stable start-up and virtually noiseless operation, even with multiple layers stacked without abnormal vibration. The unique air circulation system ensures a high degree of temperature field uniformity. It can be stacked up to 2 or 3 layers for more space-saving laboratory use.

Key Features :-

- 7 inch LCD touch operation screen, simple and intuitive to operate
- Active humidity control function (optional)
- Built-in blackout curtain can be pushed and pulled easily to avoid light cultivation
- Intelligent remote control function (optional)
- Double glass doors for excellent insulation and safety
- Door heating function prevents fogging of the glass door
- Multi-UV sterilization system for better sterilization effect
- Environmentally friendly, odor-free sticky pad material
- All stainless steel rounded corners of the integrated cavity
- Machine operation is nearly silent, multi-layer stacked high-speed operation without abnormal vibration

HBS315 UV STERILIZATION STACKABLE CO2 INCUBATOR SHAKER



- Heatless waterproof fan ensures uniformity of temperature
- Push-pull aluminum tray for easy placement of culture containers
- Flexible placement, stackable, effective in saving lab space
- Multi-safety design for user and sample safety



7 inch LCD touch operation screen



Door heating function



Intelligent remote control function (optional)



Built-in sliding blackout curtain



Multi-UV sterilization system



Rotation speed 2~300rpm



sales@helixbiosciences.com

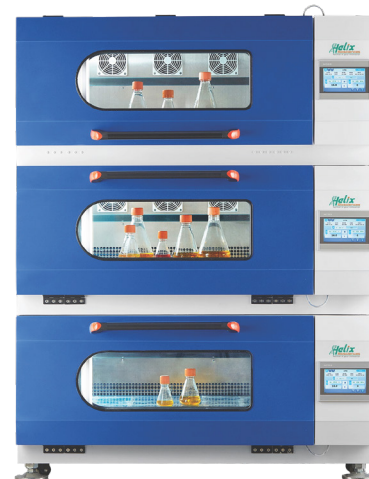


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HBS315 UV STERILIZATION STACKABLE CO2 INCUBATOR SHAKER



Technical Details :-

Cat.No.	HBS315	Dimension (W×D×H)	1330×820×620mm (1 unit);
Control interface	7 inch LCD touch operation screen		1330×820×1170mm (2 units);
			1330×820×1720mm (3 units)
Rotation speed	2~300rpm depending on load	Internal dimension (W×D×H)	1050×730×475mm
Speed control accuracy	and stacking	Volume	315L
	1rpm	Illumination	FI tube,30W
Shaking throw	50mm (Customization is available)	Principle of CO2 sensor	Infrared (IR)
Shaking motion	Orbital	CO2 control range	0-20%
Temperature control mode	PID control mode	CO2 display resolution	0.1%
Temperature control range	4~60°C	CO2 supply	0.05~0.1MPa is recommended
Temperature display resolution	0.1°C	Sterilization method	UV sterilization
Temperature distribution	±0.3°C at 37°C	Number of settable programs	5
Principle of temp. sensor	Pt-100	Number of stages per program	30
Power consumption max.	1300W	Data export interface	USB interface
Timer	0~999h	Historical data storage	800,000 messages
Tray size	520×880mm	User management	3 levels of user management:
			Administrator/Tester/Operator
Maximum working height	340mm (one unit)	Ambient temperature	5~35°C



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MANUFACTURING :- PLOT NO. 360, IMT INDUSTRIAL ESTATE, SECTOR 68, FARIDABAD, HARYANA - 121004

HBS315 UV STERILIZATION STACKABLE CO2 INCUBATOR SHAKER



Loading max.	50kg	Power supply Weight	115/230V±10%, 50/60Hz
Tray capacity of shake flask	60×250ml or 40×500ml or 24×1000ml or 15×2000ml or 15×3000ml or 8×5000ml (standard with sticky pad)	Material incubation chamber	220kg per unit
		Material outer chamber	Stainless steel Painted
			steel
Maximum expansion	Stackable up to 3 units	Optional item	Sliding black window; Remote monitoring

HBS160 UV STERILIZATION STACKABLE CO2 INCUBATOR SHAKER



Introduction :-

HBS160 is suitable for all types of cell culture, including CHO, hybridoma, mammalian cells, insect cells, etc. It is the most complete culture device for biological culture before entering fermenter culture. HBS160 features unique bearing technology for stable start-up and virtually noiseless operation, even with multiple layers stacked without abnormal vibration. The unique air circulation system ensures a high degree of temperature field uniformity. It can be stacked up to 2 or 3 layers for more space-saving laboratory use.

Key Features :-

- 7 inch LCD touch operation screen, simple and intuitive to operate
- Active humidity control function (optional)
- Built-in blackout curtain can be pushed and pulled easily to avoid light cultivation
- Intelligent remote control function (optional)
- Double glass doors for excellent insulation and safety
- Door heating function prevents fogging of the glass door
- Multi-UV sterilization system for better sterilization effect
- Environmentally friendly, odor-free sticky pad material
- All stainless steel rounded corners of the integrated cavity
- Machine operation is nearly silent, multi-layer stacked high-speed operation without abnormal vibration

HBS160 UV STERILIZATION STACKABLE CO2 INCUBATOR SHAKER



- Heatless waterproof fan ensures uniformity of temperature
- Push-pull aluminum tray for easy placement of culture containers
- Flexible placement, stackable, effective in saving lab space
- Multi-safety design for user and sample safety



7 inch LCD touch operation screen



Door heating function



Intelligent remote control function (optional)



Built-in sliding blackout curtain



Multi-UV sterilization system



Rotation speed 2~300rpm

HBS160 UV STERILIZATION STACKABLE CO2 INCUBATOR SHAKER



Technical Details :-

Cat.No.	HBS160	Dimension (W×D×H)	1330×820×620mm (1 unit);
Control interface	7 inch LCD touch operation screen		1330×820×1170mm (2 units);
			1330×820×1720mm (3 units)
Rotation speed	2~300rpm depending on load	Internal dimension (W×D×H)	1050×730×475mm
Speed control accuracy	and stacking	Volume	315L
	1rpm	Illumination	FI tube,30W
Shaking throw	50mm (Customization is available)	Principle of CO2 sensor	Infrared (IR)
Shaking motion	Orbital	CO2 control range	0-20%
Temperature control mode	PID control mode	CO2 display resolution	0.1%
Temperature control range	4~60°C	CO2 supply	0.05~0.1MPa is recommended
Temperature display resolution	0.1°C	Sterilization method	UV sterilization
Temperature distribution	±0.3°C at 37°C	Number of settable programs	5
Principle of temp. sensor	Pt-100	Number of stages per program	30
Power consumption max.	1300W	Data export interface	USB interface
Timer	0~999h	Historical data storage	800,000 messages
Tray size	520×880mm	User management	3 levels of user management:
			Administrator/Tester/Operator
Maximum working height	340mm (one unit)	Ambient temperature	5~35°C

HBS160 UV STERILIZATION STACKABLE CO2 INCUBATOR SHAKER



Loading max.	50kg	Power supply Weight	115/230V±10%, 50/60Hz
Tray capacity of shake flask	35×250ml or 24×500ml or 15×1000ml or 8×2000ml or 6×3000ml or 4×5000ml (standard with sticky pad)	Material incubation chamber	220kg per unit
		Material outer chamber	Stainless steel
			Painted steel
Maximum expansion	Stackable up to 3 units	Optional item	Sliding black window; Remote monitoring

