



iGENE LABSERVE®
Innovative • Interactive • Intuitive

iGene LyoMatrix™

Advanced Freeze Drying Platforms



PRECISION



CONTROL



CONFIDENCE



GeM
Government
e Marketplace

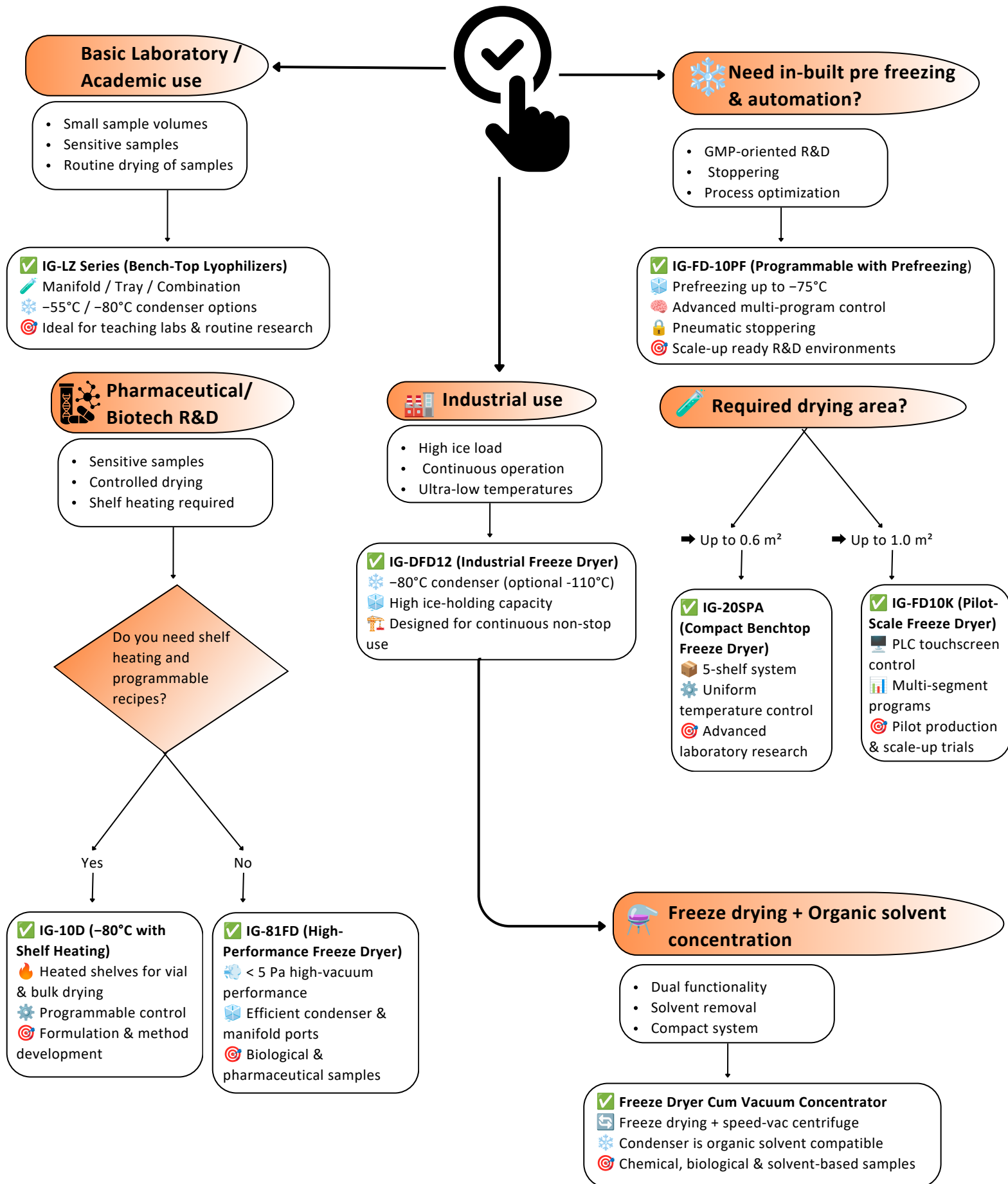


MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम

एन एस आई सी
NSIC
ISO 9001 : 2008



Selection guide to choose right lyophilizer for your lab





Colour LCD touchscreen



Data logging and USB export for temperature and vacuum curves



High-speed vacuum system achieving < 5 Pa



Stainless-steel condenser and T-shelf for durability



Large-opening condenser with uniform ice capture



Eco-friendly CFC-free operation



Quick electric heating defrost system



Floor-type, compact, and user-friendly design

Optional Features

- Stainless steel PTFE (Teflon)-coated collector coil
- Condenser temperature: -110°C
- Moisture sensor Vacuum control valve
- High-quality corrosion-resistant vacuum pump
- Stainless Steel Drying Chamber

IG-LZ Series Chamber options



Standard chamber with freezing rack (IG-LZ10S)

Standard chamber with freezing rack

- Basic/ Classic design
- Single chamber where material is placed and processed
- Tray-type freeze drying chamber with 4 trays



Best for

- Basic use
- Lower throughput needs



Standard chamber with 8 manifold (IG-LZ10SM)

Standard chamber with 8 manifold

- Same basic chamber with 8 manifolds
- Multiple injection points ensure better flow distribution
- Reduce cycle time
- Improves consistency across complex or large parts



Best for

- Materials requiring precise flow balance
- For higher throughput



Top press model

- Top press mechanism with 8 port manifold arrangement positioned above the chamber
- Pressure force comes from the top rather than sides or bottom
- For vacuum sealing of samples to improve shelf life and protect them from contamination.
- Enhanced control over force profile



Best for

- High force applications needing uniform sealing
- Larger parts where even top-down pressure helps

Top press with port manifold model (IG-LZ10PT)

Top press with Standard chamber

- Press mechanism positioned above the chamber
- Pressure force comes from the top rather than sides or bottom
- For vacuum sealing of samples to improve shelf life and protect them from contamination.
- Enhanced control over force profile



Best for

- High force applications needing uniform sealing
- Larger parts where even top-down pressure helps

3 plate arrangement
for samples



Top press with Standard chamber (IG-LZ10T)

Compact Benchtop Freeze Dryer (IG-20SPA)



Robust Construction

- MS Powder coated exterior
- SS Interior
- Designed Specifically for Food Freezing

Touch screen control panel

Microprocessor-based control system with real-time display and integrated electric defrosting

Latch lock mechanism

- Ensures airtight sealing of the chamber door
- Prevents vacuum leaks and maintains stable pressure
- Supports uniform freeze-drying performance
- Enhances operational safety by preventing accidental opening

Aluminium shelves

5 aluminum shelves for uniform temperature distribution

Drying area

0.6 m² drying area with a maximum loading capacity of 6 kg



Shelf temperature range

-30°C to +80°C



Condenser

High-performance -45°C condenser for efficient and reliable vapor trapping

Pilot Scale Freeze Dryer (IG-FD10K)

1.0 m² Freeze Drying Area

1.0 m² freeze drying area featuring a 6+1 shelf arrangement for enhanced loading flexibility and uniform drying performance

Shelf temperature range

-50°C to +70°C

Condenser temperature

-70°C

Advanced PLC Touch Control System

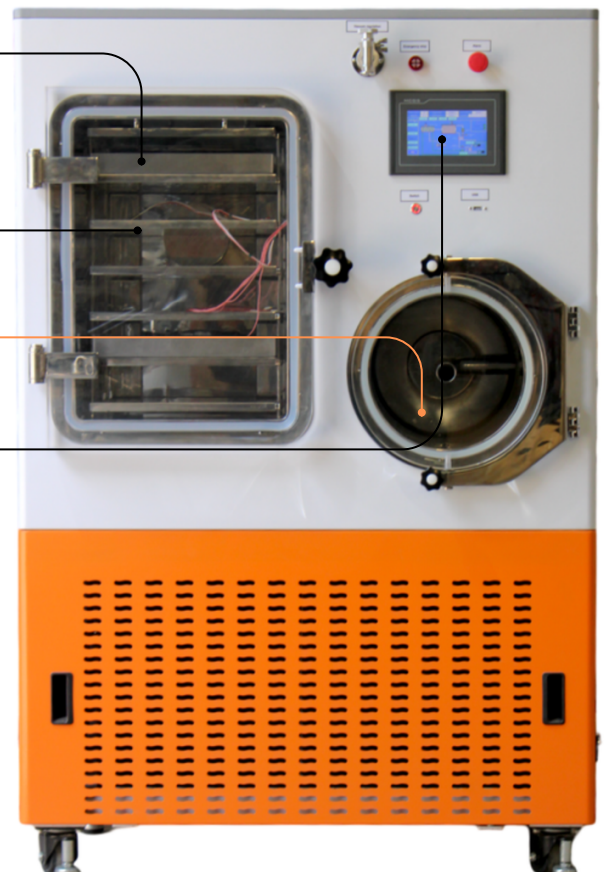
- PLC-based touchscreen interface with 36-segment programmable control
- Real-time display of temperature and vacuum curves for precise process monitoring

Precise Eutectic Point Detection

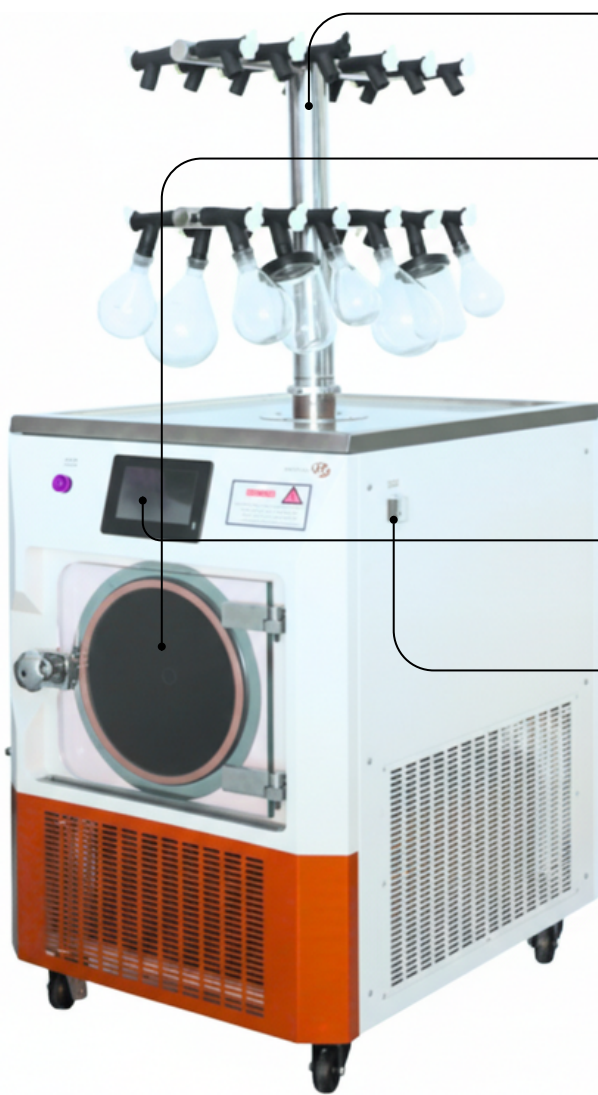
Accurate identification of the eutectic point to ensure optimized and efficient drying performance

Efficient Air-Cooled Refrigeration System

Air-cooled design integrated with electric defrosting for reliable performance and low maintenance operation



High Performance Freeze Dryer (IG-81FD)



Robust T-Shelf Construction

Heavy-Duty T-Shelf Design engineered for long-lasting strength, stability, and reliable performance

Advanced Condenser Performance

- Stainless-Steel Condenser & T-Shelf for durability and corrosion resistance
- Wide-Opening Design for uniform ice capture
- CFC-Free Operation for eco-friendly performance

Rapid Electric Defrost Technology

Quick electric heating defrost system for fast and efficient ice removal, minimizing downtime and ensuring consistent performance

Smart Touch Control Interface

Color LCD touchscreen with real-time monitoring for precise and intuitive operation

Advanced Data Logging & Export

Integrated data logging with USB export port for temperature and vacuum curve analysis

High-Performance Vacuum System

Powerful vacuum technology achieving pressures below 5 Pa for efficient processing

Compact Floor-Standing Design

Space-efficient, floor-type construction with a user-friendly interface for effortless operation and convenience

Freeze dryer (IG-81FD2T)

Robust Heavy-Duty T-Shelf Construction

- Engineered for long-lasting strength and stability
- Designed to deliver reliable, consistent performance
- Accommodates up to 12 flasks simultaneously
- Equipped with 12 independent manifold ports

Advanced Touchscreen Control & Data Management

- Intuitive LCD touchscreen interface for easy operation
- Automatic data storage during each run
- Data visualization available as graphical curves
- USB port for quick and convenient data export

Dual Ice Condenser System with Intelligent Control

- Equipped with two ice condensers for efficient operation
- Condensers are automatically controlled by the system
- Automatic switching between condensers ensures uninterrupted performance
- Minimum condenser temperature: -80°C (no-load)

High-Performance Refrigeration & Vacuum System

- SECOP compressor for rapid refrigeration
- Maintains low condenser temperature
- Achieves final vacuum < 10 Pa (no load)



Industrial Freeze Dryer (IG-DFD12)



Robust 12-Port Manifold Construction

- 12-port manifold design for multi-sample processing
- High-grade SS304 trays for strength and durability
- Corrosion-resistant SS316L condenser coils for long-lasting performance

Convenient USB Data Export Port

- Built-in USB port for easy data transfer
- Quick export of run parameters and process logs
- Simplifies documentation and record keeping

Advanced LCD Touchscreen Interface

Intuitive LCD touchscreen for seamless operation and precise control



Ultra-Low Temperature Condenser Performance

- -80°C minimum condenser temperature (optional -110°C)
- Efficient vapor trapping
- CFC-free compressor system

Precision Vacuum Control System

Electromagnetic control valve for accurate and stable vacuum regulation

Programmable freeze dryer with pre freezing (IG-FD-10PF)



Wide Temperature Operating Range

-55°C to +50°C



Seamless Data Logging & Connectivity

- Export data easily via USB and Ethernet
- Reliable process record keeping and monitoring

Smart Programmable Control

- Up to 100 programs × 36 segments for flexible process customization
- 7-inch capacitive touchscreen interface
- PLyo-Works™ OS for multilingual interface intuitive and intelligent operation



Optional Advanced Stopping & Defrosting System

- Pneumatic stoppering mechanism (gas-free operation)
- Efficient hot gas defrosting

Optional Parameters

- 4 pcs of Manifold ports (with 4 rubber valves and 4 flasks)
- Oil-free scroll pump
- Condenser -70°C
- Tray, vacuum pump, pump connection tube, clamp, rubber valve and flask



► Bench-Top Design with Ultra-Low Prefreezing

Compact bench-top model featuring integrated prefreezing capability down to -80°C for efficient and reliable sample preparation



Programmable Heated Shelf System

Heated shelves adjustable from room temperature up to $+70^{\circ}\text{C}$ for precise and controlled drying performance

Advanced 8-Port Manifold Design

- 8-port manifold configuration for multi-sample processing
- MS powder-coated exterior for durability and corrosion resistance



Efficient Cooling & Defrost System

- Stainless-steel condenser for effective vapor trapping
- CFC-free refrigeration for eco-friendly operation
- Electric defrost for quick ice removal

Advanced PLC Control & Safety System

- Real-time temperature and vacuum display
- 36 programmable recipes with up to 40 segments each
- Inert gas protection with integrated safety alarms



Lyophilizer (Freeze Dryer) Technical Specification								
Parameter	IG-LZ Series	IG-20SPA	IG-FD10K	IG-81FD	IG-81FD2T	IG-10D (-80 with Shelf-Heating)	IG-DFD12	IG-FD-10PF (Programmable with Prefreezing)
Freeze Drying Area	0.12 m², 0.07m² in top press	0.6 m²	1.0 m²	—	—	0.08 m²	0.08 m²	0.12 m²
Ice Condenser Capacity	3–4 kg / 24hr	Max 15Kg/ 24 hr	Max 15Kg/ 24 hr	Max. 12 kg/ 24 hr	6kg/24hr	4–6 kg / 24hr	3–4 kg / 24hr	Max 2Kg/ 24 hr
Condenser Temperature	-50°C / -80°C	-45°C	-70°C	-80°C (optional -110°C)	-80°C	-80°C	-80°C (optional -110°C)	-85°C/-60
Shelf Temperature Range	—	-30°C to +80°C	-50°C to +70°C	—	—	Room Temp. to +70°C	—	–55°C to +50°C
Prefreezing Temperature	-40°C/-60°C	-30°C	-50°C	—	—	-60°C	-60°C/-90°C	–75°C/-55°C
Temperature Control Accuracy	—	—	±1°C (PID Control)	—	—	±1°C	—	±1°C
Program Memory / Segments	—	—	36 segments	—	—	36 segments (36 recipes × 40 steps)	—	100 programs × 36 segments
Display / Interface	LCD Touchscreen	Microproc essor Display	PLC Touchscreen	LCD Touchscreen	LCD Touchscreen	Real-Time Display	LCD Touchscreen	7" Touchscreen (Lyo-Works™ OS)
Data Logging / Export	USB Export	USB Export	USB Export	USB Export	USB Export	USB Export	USB Export	USB / Ethernet
Vacuum Pump Capacity / Flow Rate	2 L/s (7.2 m³/h)	2 L/s (7.2 m³/h)	8 L/s (30 m³/h)	4 L/s	4 L/s	2 L/s	2 L/s	120 L/min
Vacuum Display	Dual (Pa / mBar)	Pa / mBar	Pa	Pa	Pa	Pa	Pa / mBar	Pa
Tray Size / Shelf Size	Φ200 mm, 4 layers (No Top Press) Φ180 mm, 3layers (Top Press)	225 × 600 mm	480 × 360 mm	—	—	Ø180 mm, 3 layers	Ø180 mm, 3 layers	270 × 400 mm
Number of Shelves	4 layers (No Top Press) 3 layers (Top Press)	5	6 + 1	—	—	3 layers	3	1

Lyophilizer (Freeze Dryer) Technical Specification								
Parameter	IG-LZ Series	IG-20SPA	IG-FD10K	IG-81FD	IG-81FD2T	IG-10D (-80 with Shelf-Heating)	IG-DFD12	IG-FD-10PF (Programmable with Prefreezing)
Bulk Capacity	1.2 L (10 mm thick) (No Top Press) 0.8 L (10 mm thick) (Top Press)	6L (10 mm thick)	10L (10 mm thick)	—	—	800 mL (10 mm thick)	0.8 L (10 mm thick)	1.2 L (10 mm thick)
Vial Capacity (Φ12 mm / Φ16 mm / Φ22 mm)	820 / 460 / 244 pcs (No Top Press) 492 / 273 / 147 pcs (Top Press)	—	—	—	—	492 / 273 / 147 pcs	492 / 273 / 147 pcs	777 / 434 / 220 pcs (Top Press)
Stoppering System	—	—	—	—	Optional	Manual Top Press	—	Pneumatic
Eutectic Point Detection	—	—	Yes Optional	—	—	—	—	—
Shelf Material / Tray Material	SS304 SS316 (Optional)	Aluminum	SS316	SS304	SS304	SS304	SS304	SS304
Condenser / Coil Material	SS304 SS316 (Optional)	SS304	SS316	SS304	SS304	SS304	AISI 316L	Stainless Steel
Manifold Ports	8 (IG-LZ10SM & IG-LZ10PT)	—	—	24 Ports	12 ports/ 24 ports	8 Ports	12 Ports	—
Flask Compatibility	100-1000 mL	—	—	100–1200 mL	100–1200 mL	100–1200 mL	600–1200 mL	½" and ¾" Flask Adapters
Cooling System	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Integrated Cooling
Dimensions (L × W × H)	610×450×(370+430) mm (-50°C); 850×680×(400+430) mm (-80°C)	885 × 550 × 930 mm	Pilot Scale	810 × 580 × (950 + 570) mm	—	850 × 680 × (400 + 430) mm	850 × 680 × (700 + 460) mm	—
Weight	70 kg (-50°C); 130 kg (-80°C)	132 kg	680Kg	200 kg	280Kg	125 kg	120KG	120KG
Certification	CE Compliant	CE Compliant	CE Compliant	CE Compliant	CE Compliant	CE Compliant	CE Compliant	CE Compliant
Construction Material	SS304/SS316	SS304	SS316	SS304	SS304	SS304	SS304/316L	SS304



Advanced Refrigeration & Cooling System

- High-capacity compressor ensures powerful and reliable cooling
- Double-stage cascade refrigeration achieves condenser temperature of -110°C
- Enables superior moisture freezing and efficient removal
- Uses CFC/HFC-free refrigerants (R507/R1150) for eco-friendly operation
- Maintenance-free and easy to operate

Stainless-Steel Condenser System

- AISI 316 stainless steel with large cooling surface
- Condenser temperature: -30°C / -50°C / -80°C / -110°C
- Ice capacity: 3 kg/24 h, total 4 kg for efficient moisture removal

Advanced Microcomputer Control System

- Microcomputer-controlled color touch display
- Real-time monitoring of condenser temperature and vacuum
- Displays key operational parameters
- Easy and efficient operation



Integrated Vacuum System

- Optional in-built vacuum valve for precise vacuum control
- Drainage valve for smooth operation and easy maintenance
- Shut-off valve prevents pump oil backflow, ensuring safe operation



Integrated Safety System

- Guards against voltage, current, and pressure issues
- Ensures equipment safety and longevity



Quiet Operation

- Operates below 55 dB
- Ideal for noise-sensitive laboratory environments



Compact Design

- Total condenser volume: 9 liters
- Space-efficient with high performance



Speed Vacuum Centrifuge

- Efficient concentration with exhaust filter and adapter
- Enhanced performance and functionality



1. Vacuum Concentrator with Cooling

- Integrated cooling system to protect temperature-sensitive samples during concentration
- Wide temperature control range from -10°C to 80°C for versatile sample processing
- High-speed centrifugal concentration up to 1800 RPM for efficient solvent removal
- Stable vacuum performance reaching minimum 10 Pa for rapid evaporation
- Precision temperature control with $\pm 1^{\circ}\text{C}$ accuracy for reproducible results
- Tempered glass door for safe observation during operation
- Programmable timer from 0–99 hours for unattended operation
- Compact benchtop design suitable for molecular biology, chemical analysis, and pharmaceutical research

2. Vacuum Concentrator with Cooling + Cold Trap

- Integrated refrigerated cold trap for efficient solvent vapor capture
- Enhanced vacuum stability and improved solvent recovery
- Protection of vacuum pump from solvent backflow and contamination
- Cold trap condenser temperature options: -30°C / -50°C / -80°C
- High-efficiency ice capture capacity up to 2 kg
- LCD touchscreen display with real-time temperature monitoring
- Electric heating defrost system for fast and convenient maintenance
- CFC-free refrigeration system for eco-friendly operation

3. Vacuum Concentrator with Cooling + Cold Trap + Freeze Dryer

- Dual functionality: Vacuum concentration and freeze drying in one system
- Ultra-low condenser temperature up to -30°C / -50°C / -80°C (-110°C optional) for efficient vapor trapping
- Integrated cold trap system for solvent recovery and pump protection
- High-performance refrigeration system with cascade cooling technology
- Microcomputer-controlled touchscreen interface for easy operation
- Real-time monitoring of vacuum, temperature, and process parameters
- Compact, space-saving design for multifunction laboratory workflows

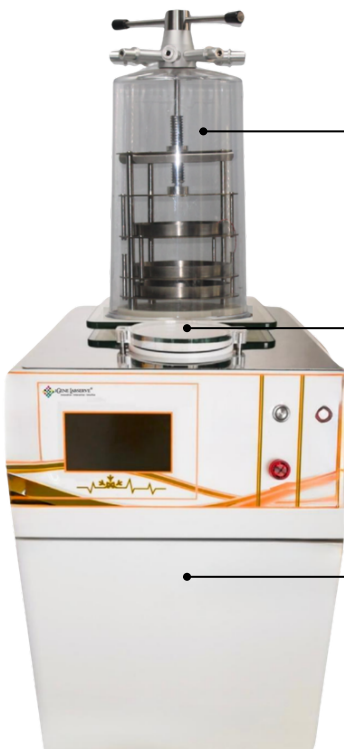
Cold trap



Freeze dryer

Cold trap

Vacuum concentrator with integrated pump



Integrated Refrigerated Vacuum Concentrator models			
Technical Specification			
Parameter	Vacuum Concentrator with Cooling	Vacuum Concentrator with Cooling + Cold Trap	Vacuum Concentrator with Cooling + Cold Trap + Freeze dryer
Working Voltage	220V	220V	220V
Power	2 kW	2.6 kW	1000 W
Vacuum Level	Min 10 Pa	<10 Pa	≤0.2 Pa
Temperature Control Range	−10°C to 80°C	−10°C to 80°C	−10°C to 80°C
Temperature Control Accuracy	±1°C	±1°C	±1°C
Speed (RPM)	Max 1800 RPM	Max 1800 RPM	0–2000 RPM
Timer Range	0–99 h	0–99 h	Built-in timer
Cold Trap Temperature	—	−30°C/−50°C / −80°C	−50°C / −80°C (−110°C optional)
Ice Capture Capacity	—	2 kg	3 kg / 24 h
Door Material	Tempered Glass	Tempered Glass	Tempered Glass
Rotor Capacity	1.5 ml × 100 tubes	1.5 ml × 100 tubes	100 × 1.5–2 ml, 6 x 100ml, 8 x 50ml, 12 x 15ml tubes
Vacuum Pump	2 L/s	2 L/s	Two-stage rotary vane
Control Interface	Digital controller	LCD Touchscreen	Microcomputer Touchscreen
Refrigerant	CFC-Free	CFC-Free	R507 / R1150



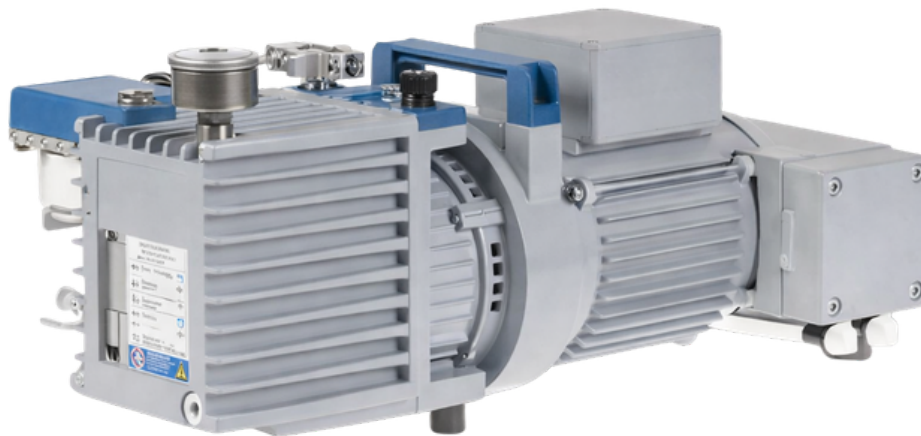
Rotary Vane Vacuum Pump

A high-performance positive-displacement vacuum pump that uses precision-machined vanes rotating inside an eccentric chamber to efficiently evacuate air and gases. Available in single and two-stage designs, these pumps deliver reliable vacuum levels, smooth operation, and long service life. Ideal for laboratory, industrial, HVAC evacuation, packaging, freeze-drying, and general vacuum applications.



Scroll Pump

An oil-free, dry vacuum pump that delivers clean, stable vacuum with low noise and minimal maintenance. Ideal for laboratory and industrial applications requiring contamination-free operation and reliable performance.



Hybrid Pump

A compact, high-performance vacuum pump combining oil-sealed and dry technologies to deliver stable high vacuum, low noise, and reduced oil backstreaming—ideal for lyophilizers and sensitive laboratory applications.

Bench-Top Lyophilizers – IG-LZ Series

Model No.	Description	Unit
IG-LZ10S	Benchtop lyophilizer with standard chamber supplied complete with Main Body, Power Cord, 1.5 m Pipe with Pipe Clamps (3 Pcs), Standard Chamber, Chamber Trays (4 Pcs) with Tray Holder, Storage Chamber Tray Holder, Vacuum Pump with 1 L Vacuum Pump Oil, Temperature Sensor, Grease Box, Gasket, and 5 kVA Stabilizer.	1
IG-LZ10SM	The Benchtop Lyophilizer with standard chamber and integrated 8-port manifold system is supplied complete with Main Body, Power Cord, Black Adapters (8 Pcs), Flasks in 100 ml, 250 ml, 500 ml and 1000 ml capacities (2 Pcs each), 1.5 m Pipe with Pipe Clamps (3 Pcs), Manifold Chamber, Manifold Trays (4 Pcs) with Manifold Tray Holder, Storage Chamber Tray Holder, Vacuum Pump with 1 L Vacuum Pump Oil, Temperature Sensor, Grease Box, Gasket, and 5 kVA Stabilizer.	1
IG-LZ10PT	The Bench-top Lyophiliser with top press chamber with 8port manifold is supplied complete with Main Body, Power Cord, Black Adapters (8 Pcs), Flasks in 100 ml, 250 ml, 500 ml and 1000 ml capacities (2 Pcs each), 1.5 m Pipe with Pipe Clamps (3 Pcs), Manifold Chamber, Manifold Trays (3 Pcs) with Manifold Tray Holder, Storage Chamber Tray Holder, Vacuum Pump with 1 L Vacuum Pump Oil, Temperature Sensor, Grease Box, Gasket, and 5 kVA Stabilizer.	1
IG-LZ10T	The Bench-top Lyophiliser with top press standard chamber is supplied complete with Main Body, Power Cord, 1.5 m Pipe with Pipe Clamps (3 Pcs), Top press standard Chamber, Trays (3 Pcs) with Tray Holder, Storage Chamber Tray Holder, Vacuum Pump with 1 L Vacuum Pump Oil, Temperature Sensor, Grease Box, Gasket, and 5 kVA Stabilizer.	1

Compact & Pilot Scale Freeze Dryers

Model No.	Description	Unit
IG-20SPA	Compact benchtop freeze dryer, 0.6 m ² drying area, –45 °C condenser, 5-shelf system	1
IG-FD10K	Pilot-scale freeze dryer, 1.0 m ² drying area, PLC touchscreen, complete with vacuum pump, trays & stabilizer	1

Laboratory Freeze Dryers

Model No.	Description	Unit
IG-81FD	High-performance laboratory freeze dryer, manifold type, <5 Pa vacuum, SS condenser	1
IG-81FD2T	Freeze dryer with 12/24-port manifold configuration, dual ice condenser system, and touchscreen controller	
IG-10D	-80 °C freeze dryer with heated shelves, programmable control & 8-port manifold	1

Industrial & Advanced Freeze Dryers

Model No.	Description	Unit
IG-DFD12	Industrial freeze dryer, -80 °C (optional -110 °C) condenser temperature, 12-port manifold, SS trays & coils	1
IG-FD-10PF	Programmable freeze dryer with pre-freezing (-75 °C), pneumatic stoppering, hot-gas defrost	1

Special Combination System

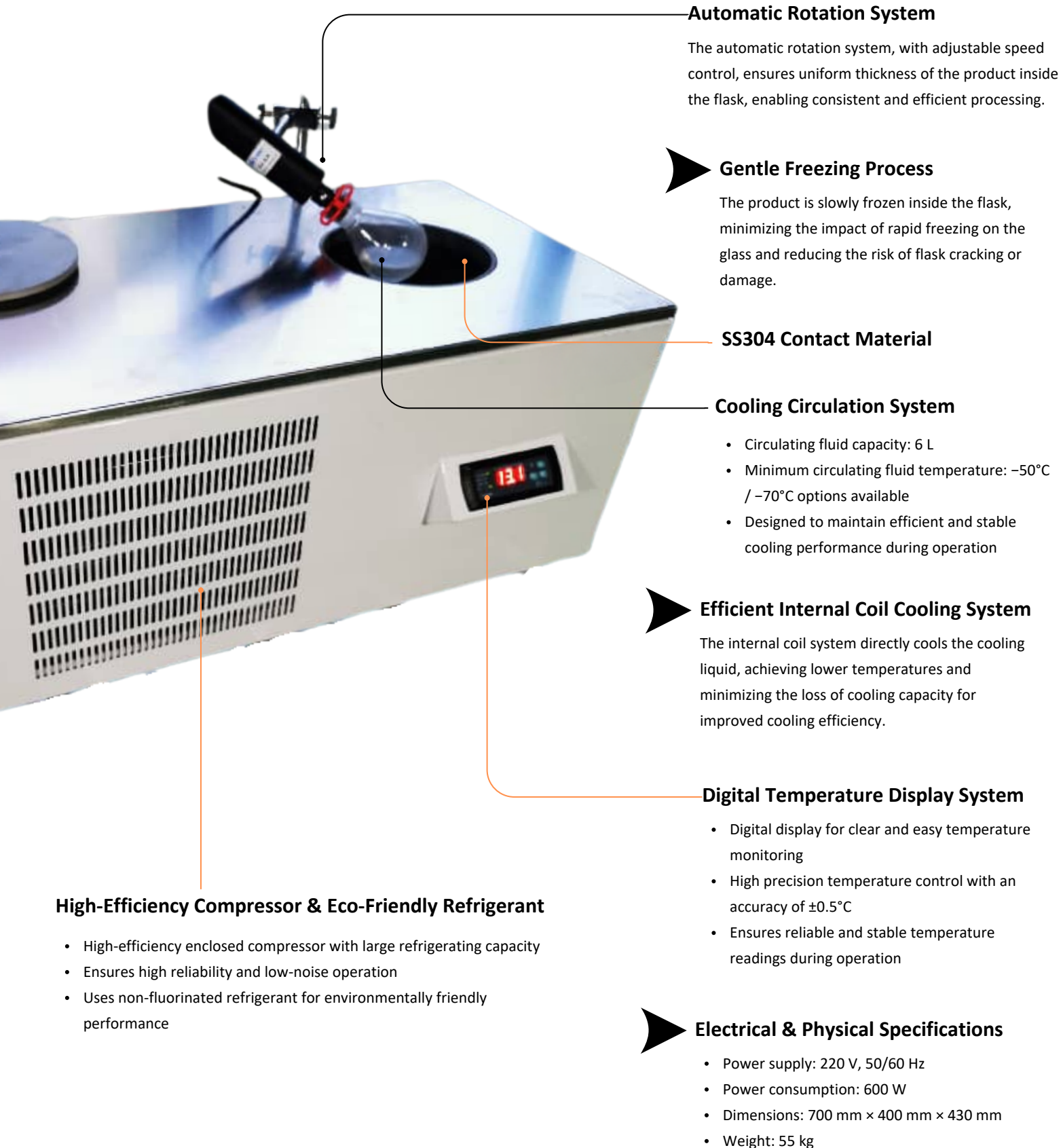
Model No.	Description	Unit
Freeze Dryer Cum Vacuum Concentrator	Combination system with -30 °C /-50 °C /-80 °C /-110 °C condenser, speed-vacuum concentrator, organic solvent compatibility	1

Notes (Standard for All Models)

- Supplied with standard accessories as per respective model configuration
- Vacuum pump, trays, flasks, pipes, clamps, oil & stabilizer included where applicable
- Power supply: 220 V / 50 Hz (unless specified otherwise)



1. Single-Station Rotary Flask Freezing System (IG-50FS)



Automatic Rotation System

The automatic rotation system, with adjustable speed control, ensures uniform thickness of the product inside the flask, enabling consistent and efficient processing.

Gentle Freezing Process

The product is slowly frozen inside the flask, minimizing the impact of rapid freezing on the glass and reducing the risk of flask cracking or damage.

SS304 Contact Material

Cooling Circulation System

- Circulating fluid capacity: 6 L
- Minimum circulating fluid temperature: -50°C / -70°C options available
- Designed to maintain efficient and stable cooling performance during operation

Efficient Internal Coil Cooling System

The internal coil system directly cools the cooling liquid, achieving lower temperatures and minimizing the loss of cooling capacity for improved cooling efficiency.

Digital Temperature Display System

- Digital display for clear and easy temperature monitoring
- High precision temperature control with an accuracy of $\pm 0.5^{\circ}\text{C}$
- Ensures reliable and stable temperature readings during operation

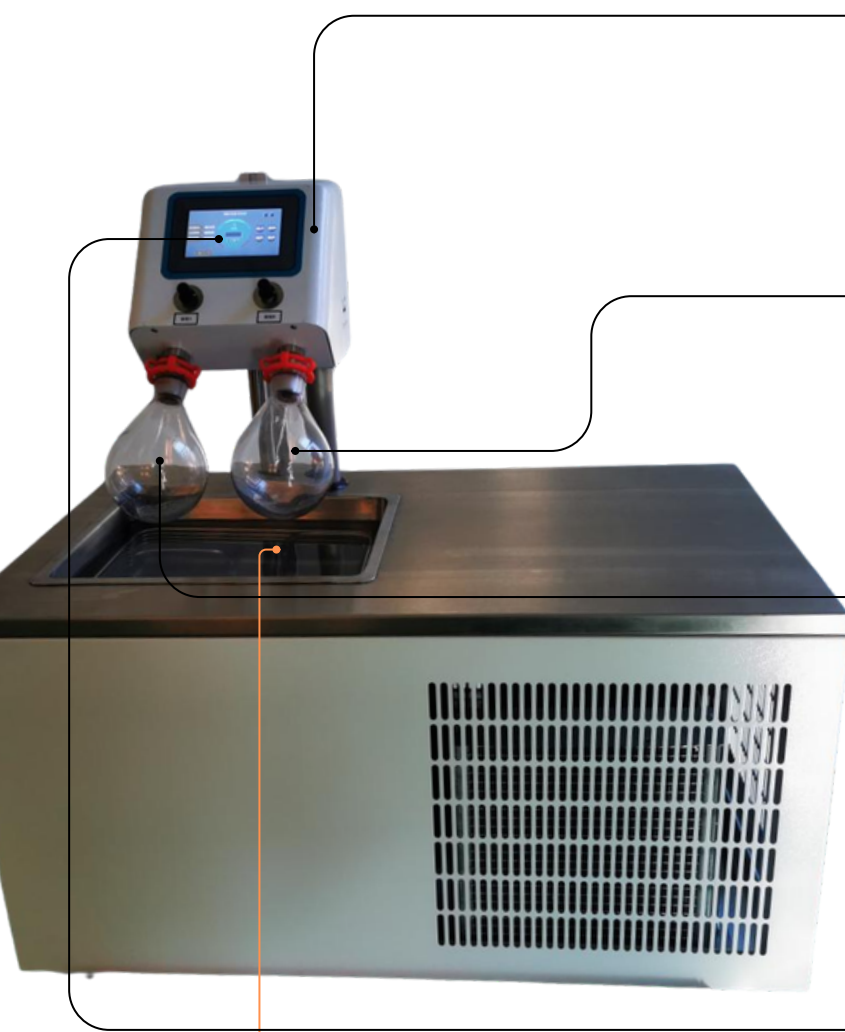
Electrical & Physical Specifications

- Power supply: 220 V, 50/60 Hz
- Power consumption: 600 W
- Dimensions: 700 mm $\times$ 400 mm $\times$ 430 mm
- Weight: 55 kg

High-Efficiency Compressor & Eco-Friendly Refrigerant

- High-efficiency enclosed compressor with large refrigerating capacity
- Ensures high reliability and low-noise operation
- Uses non-fluorinated refrigerant for environmentally friendly performance

2. Dual-Station Rotary Flask Freezing System (IG-50DFS)



Automated Operation System

- Automatic lifting system for convenient loading and unloading of products
- Automatic rotation system with adjustable speed for uniform product thickness inside the flask

Dual Station Freezing System

- Dual-station design allows two flasks to be frozen simultaneously, improving efficiency
- The product is slowly frozen inside the flask to minimize the impact of rapid freezing
- Reduces the risk of flask cracking during the freezing process

Cooling Circulation & Temperature Control System

- Circulating fluid capacity: 10 L
- Minimum circulating fluid temperature: -50°C / -70°C options available
- Optional magnetic stirring function ensures more uniform temperature of the circulating liquid
- Enhances cooling stability and overall system performance

Touchscreen Control & Smart Scheduling

- Touchscreen display system provides real-time information such as system temperature and runtime
- User-friendly interface for easy monitoring and operation
- Appointment start function allows users to schedule the system to start automatically for convenient operation



SS304 Stainless Steel Contact Part

- Ensures excellent corrosion resistance and durability
- Provides hygienic and safe contact with the product during operation

Advanced Internal Coil Cooling System

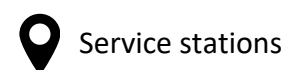
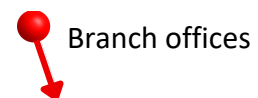
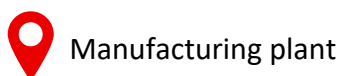
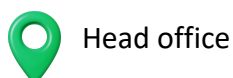
- Internal coil system directly cools the circulating liquid
- Achieves lower cooling liquid temperatures for improved performance
- Reduces loss of cooling capacity and enhances overall cooling efficiency

Electrical & Physical Specifications

- Power supply: 220 V, 50/60 Hz
- Power consumption: 600 W
- Dimensions: 750 mm $\times$ 450 mm $\times$ 430 mm
- Weight: 60 kg

High-Efficiency Compressor & Eco-Friendly Refrigerant

- High-efficiency enclosed compressor with high cooling capacity
- Ensures high reliability and low-noise operation
- Uses non-fluorinated refrigerant for environmentally friendly performance



10000+ Installations globally

GET IN TOUCH

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