Touch Screen Heating Incubator IX-1070



The IX-1000 Series Touch Screen Heating Incubator is especially designed to conduct shelf life studies, life cycle testing and bacterial incubation in biological, agricultural and scientific research laboratories. Highly accurate and sensitive touch screen PID controller offers peace of mind for safe operation with the option of programmable periods of operation and temperature change.

The Iris IX-1070 Touch Screen Heating Incubator provides an optimal environmental for growing and storing bacteria, microorganisms, cells, tissue, paraffin, media and various other samples used in cultivation of microorganisms industries, healthcare, biotechnology, agriculture, molecular biology labs.

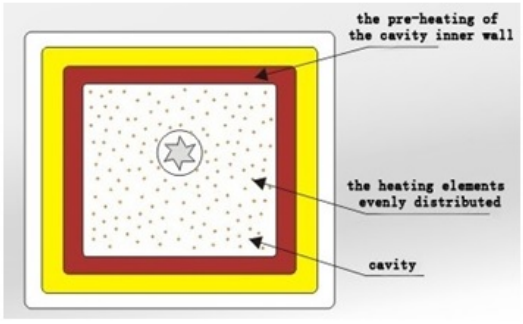
The IX-1070 Touch Screen Heating Incubator ensures the viability of your research by providing long-term accurate temperature control over an extended temperature range of life cycle analysis, shelf life test and biological cultivation with optimum performance and improved temperature uniformity and stability.

The advanced cavity preheat technology ensures the heating elements evenly distributed around the tank, the pre-heating of the cavity inner wall, and then through the heat transfer and forced-fan convection, so that the cavity temperature of every point can be accurately achieve and maintain settings, thus ensuring uniform distribution of cavity temperature.

Advanced Cavity Warm-up Technology

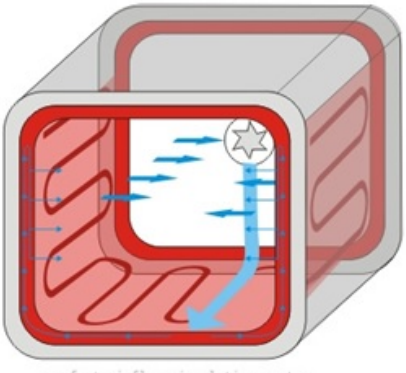
The advanced cavity preheat technology provides evenly distributed heating elements around the chamber, the pre-heating of the cavity inner wall, through the heat transfer and forced-fan convection to achieve accurate cavity temperature at every point. Because uniform distribution of heat, The IX-1000 series incubator offers low energy consumption, and enables customers to have cost reduction.



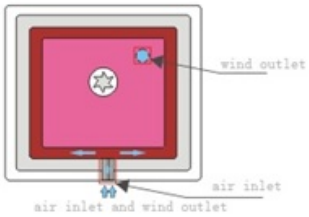


Advanced Perfect Air Current Cycling

The advanced air current cycling: perfect forced convection, maximum samples number of working room, minimum temperature recovery time after the opening, world famous axial fan, perfect air current design, ensure an ideal result of samples culture. Advanced air current cycling keep temperature continuous and stable, the wind speed can be adjusted, with fan switch function, ensure perfect sample culture environment.







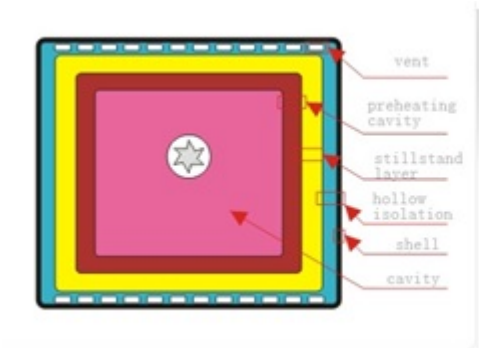
Programmable PID control

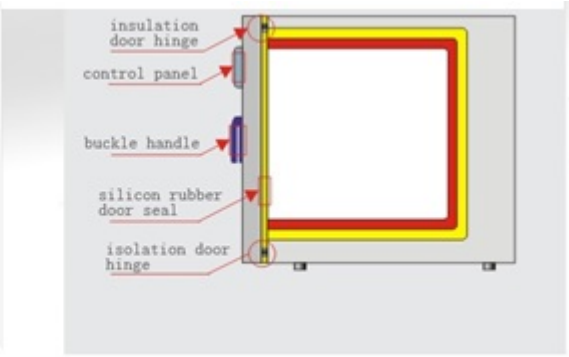
- Designed for the highest operational comfort.
- Integrated with dot-matrix LCD display parameters for temperature, humidity, and cycle, run time, run/stop.
- Adaptive PID controller precisely controls the temperature and humidity; prevent temperature soaring, keep working room temperature stable and uniformity.
- User password protection, built-in multifunctional memory menu, connects to multiple devices (up to 16 units) for real-time monitoring.
- Time setting:0-99h, 0-9999min
- RS-485 interface
- Easy to operate. All set operations are recognised by voice prompts.
- Optional remote control of programmable software.



Advanced Isolation Insulation Technology

- Based on the effective use of heat as a concept, use complete isolation design between the liner and shell to avoid energy loss due to heat transfer.
- High-density thermal insulation material wrapped liner, Based on the effective use of heat as a concept, use complete isolation design between the liner and shell to avoid energy loss due to heat transfer.
- Silicone door seal, isolation type hinge design, with the door handles, belt fastening to ensure tightness.





Technical Specification:

Model	IX-1070
Control System	Touch Screen Microprocessor PID Controller
Temperature Range (℃)	RT+3℃ ~ 65℃
Interior Volume (L)	70
Interior Volume (Cubic feet)	2.4
Temperature Accuracy □℃□	±0.1℃
Temperature Stability (℃)	±0.5 □in the of range 3□50℃□
Temperature Uniformity (℃)	1% □in the of range 3□50℃□
Temperature Fluctuation □℃□	±0.5 □in the of range 3□50℃□
Convection Mode	Forced Convection
Internal Dimension (HxWxD) cm	450 x 450 x 350 mm
Timer Range	0□99h□or 0□9999min
Working Environment	Ambient temperature 10~30℃; Humidity less than 70%
Insulation Materials	High quality environmental protection type material
External Dimensions (H×W×D) cm	670 x 680 x 593 mm
Interior Steel Materials	SUS304 stainless steel inner
Net Weight (kg)	48
Shipping Weight (kg)	51
Packing Size (H×W×D) cm	790 x 760 x 680 mm
Power □W□	970
Electrical Requirements	110V/60Hz
Catalogue No.	3601010-1

Technical Data:

Model	**IX-1040**		**IX-1070**		**IX-1130**	
Convection Mode	Forced Convection					
Control System	Microprocessor PID					
Temp. Range ???	RT+3? ~ 65?					
Temp. Accuracy???	0.1					
Temp. Fluctuation ???	±0.5?in the of range 3?50??					
Temp. Uniformity	1%?in the of range 3?50??					
Internal Dimensions (H×W×D) mm	350×350×350		450×450×350		550×550×450	
Timer Range	0?99h?or 0?9999min?can be choose					
Working environment	Ambient temperature?10~30?, Humidity<70%					
Insulation materials	Imported environmental protection type material					
External Dimensions (H×W×D) mm	570×580×593		670×680×593		770×780×693	
Interior Volume (L)	40		70		130	
Interior Volume (Cubic feet)	1.5		2.5		4.6	
Interior steel materials	SUS304 stainless steel inner					
The number of standard tray	2					
Power?W?	770		970		1270	
Net weight (kg)	40		48		65	
Shipping weight (kg)	43		51		69	
Packing size ?H×W×D? mm	690×660×680		790×760×680		890×860×780	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue Number	3601005-1	3601005-2	3601010-1	3601010-2	3601015-1	3601015-2



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States