

Test Report

Product Name	Refrigerated Incubator		
Specification and Model	SPX-III		
Main Parameter	Temp. Control Range: 0-65°C		
Inspection Standard	GBT 28851-2012 Technical conditions of biochemical incubator		
Inspection Item	Technical requirements and standard values	Testing Result	Judgment
Temp. Motion	Temperature fluctuation $\leq \pm 1^{\circ}\text{C}$ 20 minutes after the Temp reaches the preset temperature	0.5 °C	Qualified
Temp. Stability	Set temperature 37°C temperature uniformity $\leq \pm 1^{\circ}\text{C}$	$\pm 0.9^{\circ}\text{C}$	Qualified
Noise	$\leq 62\text{ db}$	50db	Qualified
Heating Time	It takes no more than 60 minutes for the working space temperature to rise from 0 ° C to the highest working temperature of 65 ° C	30min	Qualified
Cooling Time	It takes no more than 50 minutes for the working space temperature to drop from 65 ° C to 0 ° C	40min	Qualified
Insulation Resistance	The cold insulation resistance of the live part to the case is not less than 1MΩ	58.8MΩ	Qualified
Compression Strength	When the electric heating terminal is open to the controller, the shell should be able to withstand the ac voltage of 1500V, the frequency of 50Hz, and the voltage strength test lasted for 1 minute without insulation breakdown or plasticity	No breakdown flashover	Qualified
Appearance and Packaging	Intact	Intact	Qualified

FAITHFUL INSTRUMENT (HEBEI) CO., LTD

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