Monad

NaCha Pro Multi-Temp Platform

Factory Inspection Report

Product Name		Multi-Temp Platform	Model	NaCha Pro	
S/N			Lot NO.		
Production Date			Date of Factory Inspection		
Standard Items	Inspection Items	Standards		Inspection Result	Conclusion
Basic Inspections	Appearance of the instrument	The appearance should be smooth and flat, uniform in color. Free of sharp edges, burrs, cracks, obvious unevenness, or scratches.			
	Instrument marking	Both the position and font of laser marking are correct, clear, durable, and meet the specifications.			
	Instrument tightness	The metal shell is fastened in place, and its top is aligned with the edge of the outer frame. There is no abnormal sound when the instrument is being shaken or put upside down. The platform is installed reliably without loosening. There is no shaking when the instrument is placed on a horizontal countertop.			
	Switch	The direction of I/O of the power switch is correct. The pressing is flexible, and the touch feels good.			
	Silicone bonding	All the silicone pads in three temperature zones are tightly attached to the module, and the silicone pads are not loose when the test tube is put in or taken out.			
	Instrument screen	There is no dust inside the screen. The screen can light up normally after powering on, and with no discoloration.			
	Instrument cleanliness	No debris, dust, water, rust, etc. inside the instrument.			
Performance Test	Switch	Turn on the power switch and the screen can light up normally without delay. The power switch has been switched on and off for more than 5 times, and the instrument runs well.			
	Operating temperature	4~16°C (low temperature zone)			
		8~99.9°C (medium temperature zone)			
		30~99.9°C (high temperature zone)			
		≤5 min, drop 4~8°C from 23.0°C (low temperature zone)			
		≤3 min, rise from 30°C to 90°C (medium temperature zone)			

	Speed of temperature rise and fall	⩽4 min, rise from 30℃ to 90℃ (high temperature zone)		
		⩽3min, drop to 30℃ from 90℃ (medium temperature zone)		
		⩽5min, drop to 30℃ from 90℃ (high temperature zone)		
	Temperature accuracy	⩽±1.5℃ (low temperature zone)		
		⩽±0.3℃ (medium temperature zone)		
		⩽±0.2℃ (High temperature zone)		
	Temperature uniformity	⩽±2.0℃ (low temperature zone)		
		⩽±0.3℃ (65℃) (medium temperature zone)		
		⩽±0.3℃ (High temperature zone)		
	Temperature precision	⩽0.1℃ (low temperature zone)		
		⩽0.1℃ (medium temperature zone)		
		⩽0.1℃ (High temperature zone)		
Safety Inspection	Impedance of the protective connection of the plug-connected device	The impedance between the terminal of the protective conductor and each accessible part that is specified for protective connection shall not exceed 0.1Ω, and the impedance of the power cord does not constitute a part of the specified protective connection impedance.		
	Dielectric strength test (According to the relevant clauses of GB4793.1-2007)	The dielectric strength test shall be completed within 1h of the humidity pretreatment recovery specified in 6.8.2. When testing with the following voltage values, no breakdown or repeated arcing shall occur. The corona effect or similar phenomena can be ignored.	/	/
	Basic insulation	AC1390 V, 50 Hz gradually increase to the specified value within 5 s or 5 s, so that the voltage does not appear obvious jump, and then keep it for 5 s.		
	Current leakage	⩽0.5 mA (Instrument in normal state)		
		⩽3.5 mA (Instrument in single fault state)		
Inspection Conclusion:				
Inspector/ Date:			Approval/ Date	

Note: Please fill the table with data, or "conformity" or "nonconformity" for Inspection Results. And fill in "qualified" or "unqualified" for the Inspection Conclusion.