

Installation Qualification

Model: Vacuum Chamber
Serial Number: _____

Model Codes: V01/2/3/4/5/6
Date of Installation _____

Step.	Specification/ Instructions	Expected Result	Pass	Initial/ Date
1. Unpacking	Remove all packing and protective wrapping from both the interior and exterior of the unit.	All wrapping; interior and exterior is removed.	Y/N	
	Ensure all ordered accessories are present.	All parts present.	Y/N	
2. Location	Unit to be located away from direct sunlight, other heat sources and an area free from draught.	Unit located in position free from draught, other heat sources and direct sunlight.	Y/N	
	Locate close to power point	Power point is accessible.	Y/N	
3. Electrical	Have unit tagged and tested prior to use for electrical safety (conducted annually).	Pass TAG & TEST for polarity and continuity.	Y/N	
4 Connection	Connect to standard 240V, 15 Amp 50 Hz power point.	Connected to standard 240V, 15 Amp 50 Hz connections.	Y/N	
	Check total wattage if connecting to multi point outlets.	Total Wattage of connection is confirmed.	Y/N	
	Connect the chamber to an alternating current supply of voltage specified on the rating plate mounted on the rear side of chamber	Unit is NOT to be connected to direct current supply.	Y/N	
	Turn Mains Switch on, located on the controller unit at top of unit.	Illuminating Lamp is illuminated	Y/N	

Operational Qualification

Model: Vacuum Chamber
Serial Number: _____

Model Code: V01/2/3/4/5/6
Date: _____

Step.	Specification/ Instructions	Expected Result	Pass	Initial/ Date
1. Set Temperature Controller	Check thermocouple is located under the centre shelf and in tact.	Thermocouple is in place	Y/N	
	Allow chamber temperature to stabilise for one hour before setting or adjusting temperature controller	Chamber temperature stabilised.	Y/N	
	Set temp controller (RKCCB100). To SET TEMPERATURE press "SET" then use arrow keys to set temperature and then press "set" key again.	Temperature Controller is set	Y/N	
2. Set Safety Controller	Set the AL1 value to maximum chamber temperature. Stabilise for one hour.	Temperature stabilised for one hour at maximum temperature	Y/N	
	Set AL1 value 5°C above set value.		Y/N	
3. Calibrating	Check temperature with external thermocouples annually.	Set Value = Measured Values on Thermocouples. Tested annually.	Y/N	
	Adjust P Value in RKC if set value and measured value are not equal.		Y/N	

4. Loading	Check vacuum gauge is holding vacuum level required.	Close off vacuum pump after vacuum level reached.	Y/N	
	When loading items in unit, ensure all items have a minimum of 50mm clearance of internal walls.	50mm clearance of internal walls.	Y/N	
	When loading items in unit do not exceed 50% of total space on each shelf.	Shelf surface area used of each shelf is maximum of 50% to allow maximum air flow.	Y/N	
5. Maintenance	Check door gasket is sealing properly by checking gauge does not drop vacuum level after 30 minutes	Gauge is stable	Y/N	