

## Technical Specifications

	2. Capacity of at least 600L
	3. Temperature range of -50°C to -86°C
	4. 4 compartments with 1 outer door and 4 inner doors
	5. 3-4 shelves
	6. Manual defrost
	7. Touch screen LCD
	8. Wireless monitoring compatible
	9. Wireless monitoring system
	10. Power requirements: 200-240V, 50/60Hz
	11. Power consumption: <1500 Watts
	<ul style="list-style-type: none"> <li>• Equipment accessories and inclusions for Storage freezer (-80°C) as follows:</li> </ul>
	1. 1-unit 2KVA UPS with AVR appropriate for the equipment
	2. 1-unit Liquid CO2 back-up system with tank
	3. 1-unit software for temperature monitoring and control system
	4. 24 pcs Side access racks enough for the 3 shelves (compartments)
	5. 20 pcs of 2-inch Cryoboxes
	6. 2 bags of 2-inch Cryotubes
	7. Sets of cryogloves (medium and large)
	8. 3 years warranty on all parts and services
	9. Annual preventive maintenance for the duration of the warranty period
	10. Shipping, all installation materials, and installation proper by installation engineer
	11. Training sessions by field applications specialist within 2 weeks after installation of equipment. Training should include equipment operation, maintenance, troubleshooting and use of softwares for data analysis. Training should be good for 10-15 pax.
	12. Training certificates
	13. Equipment manual and calibration certificates
	14. 1-unit laptop for the remote temperature monitoring and control system; and database storage of all the samples stored. The laptop must have an operating system, processor and RAM capacity that is recommended for the accompanying monitoring and control system.
<ul style="list-style-type: none"> <li>• Laboratory Flaked Ice Maker with accessories (1 unit)</li> </ul>	1. Ice making capacity of up to 20kg/24hr
	2. Ice storage capacity of 5-10kg
	3. Flaked ice type
	4. Stainless steel inner and outer material
	5. Electrical requirements: 200-240V, 50/60Hz
	6. Power consumption: Maximum of 10kWh/24hrs
	7. Water consumption: Maximum of 5L/hr
	<ul style="list-style-type: none"> <li>• Equipment accessories and inclusions for Laboratory Flaked Ice Maker as follows:</li> </ul>
	1. 1-unit UPS with AVR compatible for the equipment