



## KEY FEATURES



User-Interactive & Informative  
TFT Color Touch Display



Individual Temperature Controls for  
Each Chamber



21 CFR Compliance Software  
with PC Interface



Dual Door Design for Temperature  
Retention



Email Notifications For Alarms



Efficient Low-Noise Compressor with  
CFC Free Refrigerant



Process & Event Alarms



Password Protected Door  
Locking Mechanism



Data Recording with Mapping  
(5 Channels)



High Grade PUF Insulation

## FEATURES CONTD...

- In-Built Programmable Timer
- Intelligent Door-Open Sensing with Alarm
- Robust Build Quality & Compact Foot-Print
- External Port for Alarm & Acknowledgement
- Very User-Friendly and Informative User Interface
- Date-Time Stamped Process & Event Data Recording
- Online / Offline Data Recording With Date-Time Stamping
- High Quality PUF Insulation for Better Temperature Retention
- Instruments are Environmental Friendly with Low Power Consumption
- Comprehensive Alarm System (Process Deviations, Door Open, Mains Fail)
- 7" TFT, 65536 Color Touch Screen Display with Touch Life of more than One Million Operations
- Mains Fail Alarm: Alarm on Change-over from Mains Power to Alternate Power Source (Battery, Inverter, etc.)
- GMP Model Available



SCAN QR  
FOR MORE DETAILS

## TECHNICAL SPECIFICATION

TOP CHAMBER	REFRIDGERATOR	REFRIDGERATOR	FREEZER (-20)	STABILITY	BOD INCUBATOR
BOTTOM CHAMBER	REFRIDGERATOR	FREEZER (-20)	FREEZER (-20)	STABILITY	BOD INCUBATOR

DIMENSIONS	W x D x H (mm)		
CAPACITY	120 – 120 L	120 – 210 L	210 – 210 L
TOP CHAMBER	600 x 500 x 450	600 x 500 x 450	600 x 600 x 600
BOTTOM CHAMBER	600 x 500 x 450	600 x 600 x 600	600 x 600 x 600

Au SERIES	MODELS	120 L				210 L			
		FRIDGE	FREEZER	STABILITY	BOD	FRIDGE	FREEZER	STABILITY	BOD
POWER SUPPLY <sup>6</sup>	SINGLE PHASE 230 VAC, 50Hz	600 W	1000 W	1700 W	1000 W	750 W	1300 W	2000 W	1300 W
TEMPERATURE / HUMIDITY SENSORS	RANGE	2 - 8°C	-20°C	20 - 60°C Ambient - 90%	10 - 60°C	2 - 8°C	-20°C	20 - 60°C Ambient - 90%	10 - 60°C
	ACCURACY	± 1°C	± 1°C	± 1°C & ± 3%	± 1°C	± 1°C	± 1°C	± 1°C & ± 3%	± 1°C
	RESOLUTION	0.1°C							
ACCESSORIES	TRAY	1				2			
CONTROLLER	PID CONTROLLER	Intelligent Microprocessor Based, Tuned PID Temperature Controller							
	UPS SUPPLY	Separate UPS Supply Line dedicated for Controller for Uninterrupted Data Recording							
COOLING	COMPRESSOR	Hermetically Sealed, Low Noise Compressor, with CFC Free Refrigerant used for Efficient Operation							
	DEFROSTING	FREEZER: User Programmable Defrosting Cycle, up to 1 Month Time Settable							
AIR CIRCULATE <sup>5</sup>	BLOWER	Air Circulated Vertically for Uniform Distribution of Temperature							
INSTRUMENT MOC	INNER	Inner Chamber Made of SS304 Grade							
	OUTER	Outer Chamber Made of Powder Coated CRCA Sheet							
	OUTER DOOR	Outer Side Made of Powder Coated CRCA Sheet & Inner Side Made of SS304							
	INNER DOOR	REFRIGERATOR, STABILITY, BOD: Toughened Glass, FREEZER: SS304 with Insulation							
	INSULATION	Insulation Between Inner and Outer Chamber is Filled with High Grade Rockwool / PUF Insulation with Gap of 65mm							
	GASKET	Silicon Based Gasket is Provided for the Door to Avoid Air Leakage							
	VALIDATION PORT	Validation Port is Provided on the Side of the Instrument with Sealed Cap for Each Chamber							
	TRAYS	Removable Type Stainless Steel Trays with User Adjustable Spacing Between Trays							
SAFETY	OPERATIONAL SAFETY	Safety Door Sensor for Operational Cut-Off to Retain Temperature Inside Chamber							
	ELECTRICAL SAFETY	Electro-Magnetic Interference Filter, Leakage Current Protector, Fast Acting Fuse, MCB Incorporated for User Safety & Component Protection							
	TEMP. SAFETY	Factory Set, Auto Electrical Cut-Off Thermostat Provided							
ACCESSORIES	DOCUMENTS	IQ, OQ Document, NABL Calibration Certificates* for Sensor & Controller							

\*For certain sensors & controllers we provide Non-NABL Certificates.

<sup>5</sup>Actual Power Values Depends upon Site Voltage Ratings.