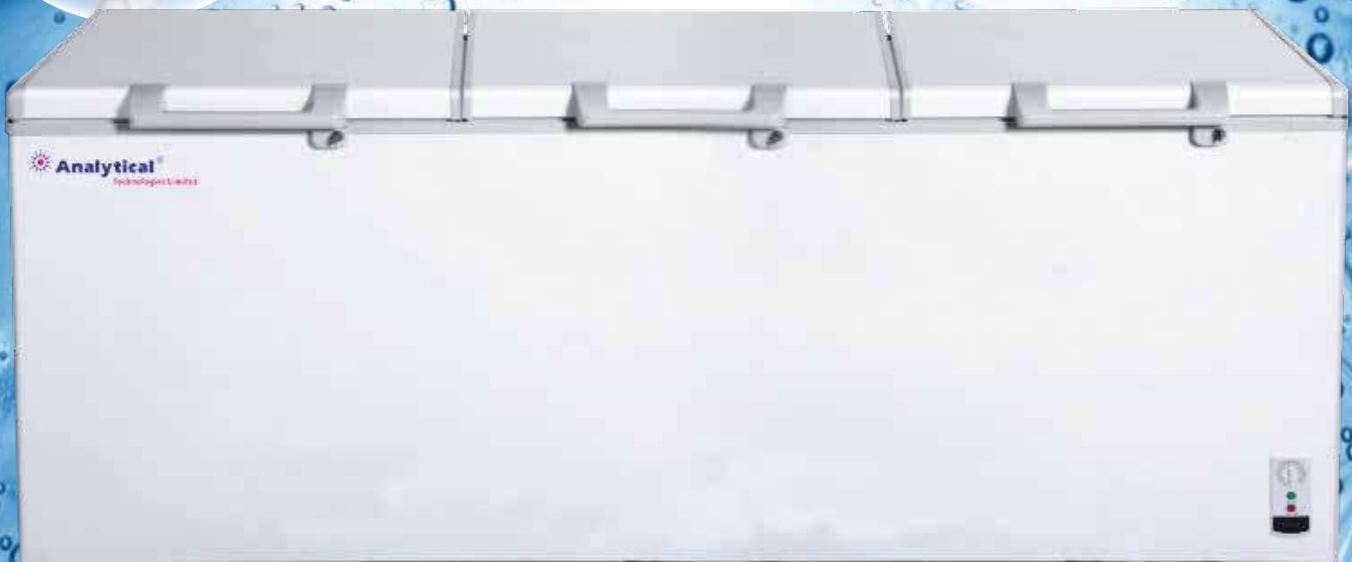


Deep Freezer

DF 2100 PLUS

(-15°C
to
+ 10°C)



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► TECHNICAL SPECIFICATION

Design & Scope	The deep freezer is manufactured and tested to suit the specifications given in I.S.I and calibrated against E.R.T.I(w) standards.
Construction	The Chamber is Double Walled with PUF Insulation, inside 304 Stainless Steel, outer side mild steel with powder coated (STD MODEL)
Temperature	Microprocessor controller monitor in one degree Celsius increments
Controller	Dual display temperature controller cum indicator for each compartment.
Temperature Range	Ambient to -15°C to + 10°C, Accuracy ±2°C.
Temperature Uniformity	± 2°C
Temperature Sensor	Pt100 (RTD), Temperature probe is positioned to ensure the alarm sounds before the stored product can be affected by a rise in temperature.
Movability	Heavy-duty Rear wheel locking casters Will Be Fitted at Bottom of the M/C for Easy Movement.
Refrigeration System	Cooling assembly consist of “Emersion” make hermetically sealed compressor of suitable capacity to give proper temperature in specified period is supplied with the unit with overload protector to cut off the compressor in case of overheating a separate motor is provided for condenser cooling the complete assembly is fitted on base in such a way that any component can be replaced very easily. CFC free (eco-friendly) refrigerant.
Insulation	75 mm Thick Puff Insulation.
Door System	The freezer is Provided with Three Door System, Outer Powder Coated Door with sealing door gasket to Close the Door Properly. Inner Full Size Acrylic Insulated Door with Silicon Packing for safety for protecting loss of temperature Inside the Chamber with Out Disturbing Inside Climatic Condition. Heavy duty hinge for closure and un-interruptive service.
Insulation	A. 2 Minute Compressor “ON” Delay Timer to safeguard The Compressor & also Overload Relay Protector. B. MCB for Mains Supply
Power Supply	230 VAC, 50Hz Single Phase

►► Specification :

Standard Models: Inner Stainless steel 304, 1.0 mm & Outer mild steel, 1.0 mm powder coated

Models	Capacity in Litres	No.of Trays	Internal Size in cms (W x D x H)	Internal Size cms (WxDx H)	Temp. Range
DF 2100	100X3	2X3	40x40x60Per Chamber	59x59x117Per chamber	-15°C to +10°C

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- Trainings :We also take up preventive maintenance to reduce downtime of HPLC's Trainings.
- AMC's/CMC : We offer user training both in-House and at customer sites on PLC principles, operations, troubleshooting.
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 **Analytical**®
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W: www.ais-india.com
www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com

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