

# Deep Biomedical Freezer -40°C

Deepee Biomedical freezer -40 deg. C. provides most ideal environment for safe storage of blood plasma, proteins, nucleic acid (DNA/RNA) viruses, material testing etc. Due to continuous Technical improvement, it maintains excellent temperature Uniformity throughout the cabinet with low power consumption at ambient temperature of 25 C. result in lower operating cost. Microprocessor based Deepee µP 404 control system with display resolution to 1.0 C. ensures better temperature accuracy and eco friendly CFC-free and robust refrigeration system with auto voltage transformer for safety against voltage fluctuations. increases reliability and performance.

## <<PLUS POINTS>>

### Cabinet Construction:

- ▶ Exterior power coated CRC body and interior cabinet from polished stainless steel (AISI-304) with rounded corner for easy cleaning.
- ▶ High density CFC-Free polyurethane insulation with standard thickness of 4".
- ▶ Keyed latch handle for door locking to avoid unauthorized access and castors for easy mobility
- ▶ Double gasket seal in door and hot gas pass through system to avoid water condensation around the door liner
- ▶ High density PUF insulated Solid door and inner insulated sub lids to minimize temperature loss.

### Refrigeration unit:

- ▶ Hermetic, air cooled, power saver, CFC-Free single stage refrigeration system.
- ▶ Non flammable "Eco friendly" CFC-free refrigerant R-404a.

### Temperature Controlling System:

- ▶ Power ON/OFF switch.
- ▶ Microprocessor based µP 404 Control System.
- ▶ Digital LED indication for actual cabinet temperature.
- ▶ RTD PT-100 (Class-A) sensor for accurate temperature measurement.
- ▶ Temperature display resolution 1.0 deg. C.

### Indications and Alarming:

Description	LED Indications	Alarming
High temperature	Yes	Yes
Low temperature	Yes	Yes
Door open	Yes	Yes
Sensor failure	Yes	-
Compressor ON.	Yes	-

### Optional Accessories:

- ▶ Ink / Ink Less circular 7 days temperature chart recorder.
- ▶ Single channel temperature data logger with software.
- ▶ Servo controlled voltage stabilizer.

### Technical Specifications.

Model No.	Capacity Cu. Ft./Liters	Interior Dimensions (WxDxH) Inches	Overall Dimensions (WxDxH) Inches
ADF-340	3.9/110	15 x 15 x 30	23 x 26 x 53
ADF-1040	11.1/315	22 x 23 x 38	30 x 34 x 63
ADF-1840	18.0/511	26 x 25 x 48	34 x 36 x 75
ADF-2140	21.0/596	28 x 27 x 48	36 x 38 x 75
ADF-2540*	25.1/712	31 x 27 x 52	39 x 38 x 79

\*Higher capacity models can be made available upon request.

Temperature Range: - 10 C. To - 40 C. Electrical Supply: 220 V, 1 φ, 50 Hz.

**Note:** For better and trouble free performance ambient temperature should be + 25 C.



ADF-1840



## Regulatory compliances



## Corporate Social Responsibility



**Analytical**  
**Foundation**

Analytical Foundation is a nonprofit organization (NGO) founded for the purpose of:  
 1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various fields of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Workshops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFIFY human minds, souls and bodies by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Comps etc.

## Reach us @



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](mailto:info@hplctechnologies.com)  
[info@multiplelabs.com](mailto:info@multiplelabs.com)  
[info@analyticalgroup.net](mailto:info@analyticalgroup.net)  
[info@analyticalbiomed.com](mailto:info@analyticalbiomed.com)

W. [www.ais-india.com](http://www.ais-india.com)  
[www.analyticalgroup.net](http://www.analyticalgroup.net)  
[www.hplctechnologies.com](http://www.hplctechnologies.com)  
[www.multiplelabs.com](http://www.multiplelabs.com)

Sales & Support Offices:  
 across the country :  
 Distributors & Channel  
 partners World Wide

Note : Company reserves rights to add/delete/modify the contents / technical specifications of the catalogue without prior notice.