

# Low Temperature Freezers

## LTF PLATINUM Series

Temperature range 0°C ~ -40°C

Style Chest (Horizontal) Upright (Vertical)

### LTF PLATINUM SERIES CHEST AND UPRIGHT LOW TEMPERATURE FREEZERS

Every freezer is fully tested for 7 days under the most demanding conditions. The constant ultra low setpoint operating temperature is guaranteed in warm (+30°C) temp. environments.

#### Common Specifications

Temperature control system	Touch Screen control Displays set point and chamber temperature Hi/Low Alarm W/ Email and SMS notification Alarm Relay Dry Contacts Power Failure Dry Contacts Battery Back-up Viewable Temperature graph Data logging downloadable via USB or FTP Multi-Level Security VNC Remote Access via PC / smart devices
Digital alarm system with relay	Battery operated alarm system will emit an audible and visual signal when there is a mechanical or electrical failure. The alarm has an over and under temperature setting, alarm silencing switch. A relay for a remote alarm hook-up is also provided.
Access port	Mounted in left hand side of the cabinet will be a 1/2" porthole leading into the chilling chamber, complete with plugs.
Refrigeration system	Single stage system with one hermetic compressors. CFC & HCFC free refrigerants
Construction	Chamber is 14-ga. Zinc coated galvanized steel. Exterior is 16-ga. steel. Powder coated cool gray finish.
Electrical requirements	115V, 60 Hz, 1 phase 208V, 60 Hz, 1 phase 230V, 60 Hz, 1 phase 220V, 50 Hz, 1 phase 220V, 60 Hz, 1 phase
Optional accessories	Chart recorder, CO <sup>2</sup> and LN <sup>2</sup> back-up system, Racks, Cold safety gloves

#### Primary Uses

- Clinics
- Research
- Small laboratories
- Hospital rooms
- Medical clinics

#### Unique Specifications for PLATINUM CHEST TYPE (HORIZONTAL) Low Temperature Freezers - Top Opening

Model	Capacity		Rack Capacity	Internal Dimension		External Dimension	
	Liters	Cu. ft.		Inch	Centimeter	Inch	Centimeter
LTF101CP	83	3	8	24" x 12" x 18"	61 x 31 x 46	34.5" x 25.25" x 48"	87 x 64 x 121
LTF201CP	142	5	15	30" x 18" x 16"	76 x 46 x 40.	40.5" x 31" x 47"	102 x 81.x 119
LTF301CP	255	9	16	45.5" x 16" x 20"	115 x 40 x 50	57.5" x 29 x 46.5"	146 x 73 x 116
LTF401CP	340	12	27	55" x 19" x 20"	139 x 48 x 50	65.5" x 32" x 47.5"	166 x 81 x 120
LTF501CP	400	14	30	62" x 20" x 20"	157 x 50 x 50	72.5" x 33" x 47.5"	184 x 83 x 120
LTF601CP	480	17	36	69" x 20" x 21"	175 x 50 x 53	81.25" x 33.5" x 48.5"	206 x 85 x 123
LTF801CP	626	22	36	67" x 19" x 30"	170 x 48 x 76	98" x 36" x 43.5"	248 x 91 x 110
LTF901CP	766	27	48	67" x 23" x 31.25"	170 x 57 x 79	98" x 36" x 43.5"	248 x 91 x 110



83L  
LTF101CP



255L  
LTF301CP



340L  
LTF401CP

**PLATINUM CHEST TYPE (HORIZONTAL) Low Temperature Freezers - Top Opening**



**Unique Specifications for PLATINUM UPRIGHT TYPE (VERTICAL) Low Temp. Freezers with Door Mounted Touch Screen Control**

Model	Capacity		Rack Capacity	Shelving	Internal Dimension		External Dimension	
	Liters	Cu. ft.			Inch	Centimeter	Inch	Centimeter
LTF401UP	370	13	15	4 adjustable (5 compartments)	20" x 22" x 51.25"	50 x 55 x 130	35" x 34.5" x 79.5"	88 x 87 x 201
LTF501UP	505	18	20	4 adjustable (5 compartments)	23" x 26" x 51.25"	58 x 66 x 130	40" x 36" x 79.5"	101 x 91 x 201
LTF601UP	626	22	25	4 adjustable (5 compartments)	28.5" x 26" x 51.25"	72 x 66 x 130	43" x 37" x 79.5"	109 x 93 x 201
LTF701UP	710	25	30	4 adjustable (5 compartments)	34" x 25" x 51.25"	86 x 63 x 130	50" x 37" x 79.5"	127 x 93 x 201
LTF801UP	792	28	30	4 adjustable (5 compartments)	38" x 25" x 51.25"	96 x 63 x 130	54" x 37" x 79.5"	137 x 93 x 201

