

## Chest Freezer

- Temperature Range i) -10°C to -65°C  
ii) -10°C to -86°C  
iii) -10°C to -135°C  
iv) -110°C to -152°C
- Microprocessor temperature controller, digital temperature display with 1°C accuracy.
- Painted steel external, stainless steel interior with key lock lid.
- 150mm CFC-Free insulation to contain temperature.
- Twin compressor on -65°C and -85°C models, one compressor for -135°C and 152°C model.
- 3-4 hours to achieve -65°C and -86°C , 4-6 hours to achieve -135°C and -152°C models.
- Audio/visual alarm for high/low temperature, power failure, low battery, lid opening, filter block and system failure.
- Alarm record for last 10 incidents with indication of date, time, cause of alarm and time of alarm.
- Built in temperature printer.
- 7- days Chart Recorder is optional to replace the printer.
- Mounted on castors.
- CFC Free Refrigerant (mixed gas)
- Certification: ISO 9001, ISO 14001, ISO 13485
- Power supply: 220V 50Hz for -65°C and -85°C models  
380V 50Hz, three phase for -135°C and -152°C
- Warranty period: 2 years on all parts.



ST-CF135-128

### Optional:

- 7 day Chart Recorder
- CO2 Back up
- 5 years extended warranty
- Inventory system (racks and boxes)

### Specification of Chest Freezer (-65°C)

Model	Capacity (L)	External (W x D x H) mm	Internal (W x D x H) mm	Power Rating (W)	Weight (kg)
ST-CF65-138	138	890 x 1320 x 1009	470 x 570 x 490	800	250
ST-CF65-328	328	890 x 2005 x 1009	470 x 1200 x 582	1500	330

### Specification of Chest Freezer (-86°C)

Model	Capacity (L)	External (W x D x H) mm	Internal (W x D x H) mm	Power Rating (W)	Weight (kg)
ST-CF86-138	138	890 x 1320 x 1009	470 x 570 x 490	800	250
ST-CF86-328	328	890 x 2005 x 1009	470 x 1200 x 582	1500	330
ST-CF86-400	400	890 x 2005 x 1009	490 x 1400 x 590	1500	330

### Specification of Chest Freezer (-135°C)

Model	Capacity (L)	External (W x D x H) mm	Internal (W x D x H) mm	Power Rating (W)	Weight (kg)
ST-CF135-128	128	880 x 1590 x 1040	370 x 600 x 550	2150	250
ST-CF135-258	258	890 x 2085 x 1009	410 x 1140 x 552	3300	360

### Specification of Chest Freezer (-152°C)

Model	Capacity (L)	External (W x D x H) mm	Internal (W x D x H) mm	Power Rating (W)	Weight (kg)
ST-CF152-128	128	880 x 1590 x 1040	320 x 600 x 550	2600	250
ST-CF152-258	258	890 x 2085 x 1009	410 x 1140 x 552	5000	360