ARCTIKO

INT **SUF 500**

true cooling specialists

-40°/-86°C

ULTRA LOW TEMPERATURE CHEST FREEZER |
SUPERIOR PERFORMANCE AND HIGHLY RELIABLE ULT CHEST FREEZER
Optimized internal storage capacity with stainless steel racks. The single compressor technology provides reliable low temperature freezing and high temperature uniformity.

▶ SUPERIOR COOLING PERFORMANCE

Reaching -80°C in only 190 minutes due to our our single compressor technology. The technology is specially designed to be the best in class in cooling performance.

With the SUF 500 freezer you are secured superior temperature stability and great temperature uniformity even after door openings. It also helps provide a stable cooling performance while lowering the energy consumption.

SUF 500* ▲

▶ OPTIMIZED STORAGE CAPACITY

The freezer has optimized internal storage for the best overlook. With the standard included stackable basket and the optional stainless steel front rack storage system the samples will be easy accessible at any time.

The freezer also has a premade access port with no extra cost involved, making it easier to monitor or inspect the unit with external probes.

Optimal storage capacity and overview of the stored samples with the stainless steel front rack storage system

SINGLE COMPRESSOR SYSTEM

FILTERLESS CONSTRUCTION

▶ FILTERLESS CONSTRUCTION

Our filterless construction makes cleaning unnecessary. The evaporator coils are spaced so far apart that dust will not be trapped and obstruct the airflow.

The filterless construction eliminates the need for filters entirely, saving you maintenance time and cost.
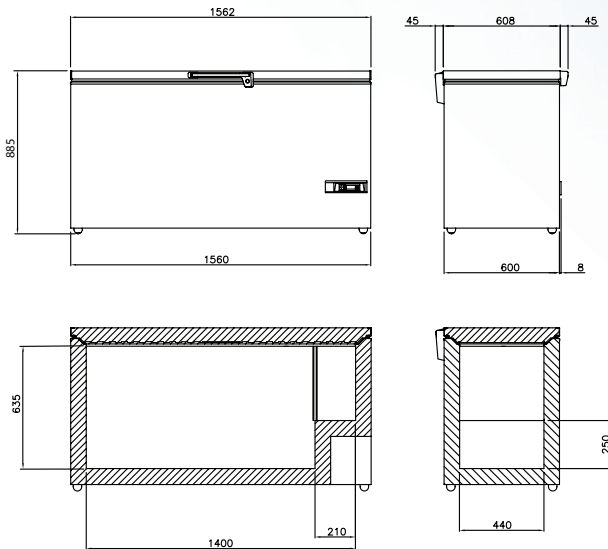
NOISE REDUCTION TECHNOLOGY

The key lock on the handle is a standard feature in our SUF 500 for optimal security for your samples.

* The pictures shown are for reference only, actual product size may vary. Please read the dimensions of the product in the specifications.

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The ARCTIKO SUF 500 model supports following optional features:

- Temperature chart recorder
- Rollers on metal frame
- CO_2 back-up system
- GSM alarm module
- Voltage converter
- Voltage stabilizer
- Racks & boxes
- Cryo gloves

	MODEL	SUF 500
Main specifications	Item code	US-SUF 500
	Temperature range (°C)	-40 / -86
	Temperature range (°F)	-40 / -123
	Max. ambient temperature (°C)	25
	Max. ambient temperature (°F)	77
	Capacity (L)	368
	Capacity (cu. ft.)	13
	Exterior dimensions WxDxH (mm)	1562x708x891
	Exterior dimensions WxDxH (inches)	61,50x27,87x35,08
	Interior dimensions WxDxH (mm)	1400x440x630
	Interior dimensions WxDxH (inches)	55,12x17,32x24,80
	Weight (kg)	88
	Weight (lbs)	194
	Insulation (mm)	80
	Insulation (inches)	3,16
	Cooling technology	single system / static
	Controller model / probe type	XR30CX / PT1000
Power	Power supply (V)	110
	Frequency (Hz)	60
	Power consumption (kWh/24h)	10,8
	AMP (A)	6,3
	Power (Watt)	600
	Horse power (HP)	5/8
Alarm functions	Alarm display as text - not codes	no
	Visual / acoustic alarm	yes
	Power failure alarm	yes
	Adjustable high / low temperature alarm	yes
	Open door alarm	no
	Probe failure alarm	yes
	Low battery alarm	no
	Compressor failure alarm	no
	Battery backup for alarms (approx. hrs.)	72
Data logging & external connection	Voltage free contact for remote alarm (e.g. GSM alarm module)	yes
	Electronic data logger	no
	RS 485 port	no
	USB port for software update & data download	no
	Temperature chart recorder	optional
Display features	Display type	LED display with touch buttons
	Number of optional reference probes	no
	Password protection for turning unit on / off	no
	Temperature graph on display	no
Other features	Automatic defrost	no
	Vacuum release port	no
	Access port for external probe etc. (int. diameter mm)	12
	Access port for external probe etc. (int. diameter inches)	0,47
	Light	no
	Lock with key	yes
	Castors (total pcs) / castors with brake (pcs)	4 / optional
	Fixed feet (pcs) / levelling feet (pcs)	no
	Sub lids / inner doors (pcs)	4
	Total capacity of 50 mm / 2 inch boxes (pcs)	282
	Total capacity of 75 mm / 3 inch boxes (pcs)	204
	Total capacity of 96 mm / 3,8 inch boxes (pcs)	129
Refrigeration & cabinet	Number of compressors	1
	Refrigerant	EP88
	Interior cabinet material	prepainted steel
	Exterior cabinet material	prepainted steel
	Colour (exterior cabinet)	white
	Foam type	polyurethane
	VIP vacuum insulated panels	no
Shipping	Shipping weight (kg)	139
	Shipping weight (lbs)	306
	Shipping dimensions WxDxH (cm)	166x76x106
	Shipping dimensions WxDxH (inches)	65,4x29,9x41,7
	Shipping volume (m³)	1,34
	Shipping volume (cu. ft.)	47,32

ISO 9001:2015
Certificate No: 33037

ISO 13485:2016
Certificate No: 10000320341-PA-NA-NOR

CE