

VT 547 BIOMEDICAL CHEST FREEZER

The VT low temperature freezers creates the possibility to maintain temperatures as low as -60°C. Supreme stability, reliability, user-friendliness and ease of cleaning make these freezers an ideal solution for laboratories and hospitals.







Outer Dimensions HxWxD, mm 932x8684x868 Inner Dimensions HxWxD, mm 670x50x60x800 Weight Gross/Net, kg 16 / 10x0 Material inner cabinet Painted Steel Packaging weight, kg 16 Packaging weight, kg 102x87/15x765 Packaging dimensions HxWxD, mm 102x87/15x765 Insulation type Polyurethane with Cyclopentane Mobility / Castors 90 Refrigerant, Type Nature R Number of compressors 1 Internal Air Distribution Static Number of Probes 3 3 Controller XR30CX Controller XR30CX Controller Inaguage No language - oily 3 digits Uss Connection No Logging No Temperature Graph No Refighr/Low Temp. Airm Yes Open Door Alarm Yes Probe Failure Alarm Yes Volume, Gross/net, L 405 Basket 3 Basket material Stael coated with plastic powder in	DIMENSIONS	
Weight Cross/Not, kg 116 / 100 Material inner cabinet Painted Steel Material outer cabinet Painted Steel Packaging weight, kg 16 Packaging dimensions HXWXD, mm 1020x17/5x/785 Insulation thickness, mm 80 Insulation type Polyurethane with Cyclopentane Mobility / Castors Pelyurethane with Cyclopentane Refrigerant, Type Nature R Number of compressors 1 Internal Air Distribution Static Number of Probes 2 CONTROLLER XR30CX Controller XR30CX Controller language No language - 0xl 9 digits USB Connection No Logging No Temperature Graph No High/Low Temp. Alarm No Open Door Alarm No Probe Failure Alarm No FORAGE Steel coated with plastic powder inner lids No FEAT URES Cock Power failure steel coated with plastic powder inner lids No FEAT URES	Outer Dimensions HxWxD, mm	932x1664x665
Material inner cabinet Pointed Steel Material outer cabinet Pointed Steel Packaging weight, kg Pointed Steel Packaging dimensions HxWxD, mm 1020XT/15x/815 Insulation thickness, mm 80 Mobility / Castors Polyurethane with Cyclopentane Mobility / Castors Nature R Refrigerant, Type Noture R Number of compressors 1 Internal Air Distribution Static Number of Probes 2 CONTROLLER X830CX Controller language No language - only 3 digits USB Connection No Legging No language - only 3 digits USB Connection No Legging No language - only 3 digits USB Connection No High/Low Temp. Alarm Yes Open Door Alarm No Probe Failure Alarm Yes Power Failure Alarm Yes Baskets 3 Baskets 3 Baskets Steel coated with plastic powder	Inner Dimensions HxWxD, mm	670x1500x500
Material outer cabinet Pointed Steel Packaging weight, kg 16 Packaging dimensions HXWXD, mm 1020x775x785 Insulation thickness, mm 80 Insulation type Polyurethane with Cyclopentane Mobility / Casters Yes Refrigerant, Type Nature R Number of compressors 11 Internal Air Distribution Static Number of Probes 2 CONTROLLER XR30CX Controller XR30CX Controller language No language - only 3 digits USB Connection No Logging No Uspectation No Uspectation No Upon Door Alarm Yos Open Door Alarm No Probe Failure Alarm Yos Power Fediture Alarm No STORAGE No Volume, Gross/net, L 495 Basket material Steel coated with plastic powder Inner lids Yes Lock Yes <th< th=""><th>Weight Gross/Net, kg</th><th>116 / 100</th></th<>	Weight Gross/Net, kg	116 / 100
Packaging weight, kg 16 Packaging dimensions HxWxD, mm 1020x1716x785 Insulation thickness, mm 80 Mobility / Castors Polyurethane with Cyclopentane Mobility / Castors Yes Refrigerant, Type Nature R Number of compressors 1 Internal Air Distribution Static Number of Probes 1 CONTROLLER XR30CX Controller XR30CX Controller anguage No longuage - only 3 digits USB Connection No Logging No Temperature Graph No High/Low Temp. Alarm Yes Open Door Alarm No Probe Failure Alarm No STORAGE Yes Volume, Gross/net, L 495 Baskets 3 Basket material Steel coated with plastic powder in nor lids Yes Inner lids Steel coated with plastic powder in nor lids Yes FEATURES Yes Yes Ol now Bottopt Schopf	Material inner cabinet	Painted Steel
Packaging dimensions HxWxD, mm Insulation thickness, mm Insulation type Polyurethane with Cyclopentane Mobility / Castors Refrigerant, Type Number of compressors Internal Air Distribution Number of Probes Controller Controller Controller Controller UsB Connection No Logging No language - only 3 digits USB Connection No Logging No language - only 3 digits USB Connection No Logging No Temperature Graph No High/Low Temp. Alarm No Probe Failure Alarm No Probe Failure Alarm No STORAGE Volume, Gross/net, L Basket material Steel coated with plastic powder Inner lids No FEATURES Lock LED Light No Battery Backup for Controller, 24h No Battery Backup for Controller, 24h No Porthole No Battery Backup for Controller, 24h No Porthole No Porthole No Solid	Material outer cabinet	Painted Steel
Insulation thickness, mm Insulation type Insulation Internal Air Distribution Internal Air D	Packaging weight, kg	16
Insulation type Polyurethane with Cyclopentane Mobility / Castors Yes Refrigerant, Type Nature R Number of compressors 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Packaging dimensions HxWxD, mm	1020x1715x785
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Refrigerant, Type Number of compressors Internal Air Distribution Number of Probes CONTROLLER Controller Controller Controller (Static Controller	Insulation type	Polyurethane with Cyclopentane
Number of compressors 1 Internal Air Distribution Static Number of Probes 1 CONTROLLER Controller XR30CX Controller language No language - only 3 digits USB Connection No Logging No Temperature Graph No High/Low Temp. Alarm Yes Open Door Alarm No Probe Failure Alarm Yes Power Failure Alarm No STORAGE Volume, Gross/net, L 495 Baskets 3 Basket material Steel coated with plastic powder Inner lids No FEATURES Lock Yes LED Light No Battery Backup for Controller, 24h No Dorrhole Yes - 0 12 mm Dry Contact No Boor	Mobility / Castors	Yes
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Number of Probes CONTROLLER Controller	Number of compressors	1
Controller X830CX Controller Inguage No language - only 3 digits USB Connection No Logging No Temperature Graph No High/Low Temp. Alarm Yes Open Door Alarm No Probe Failure Alarm No STORAGE Volume, Gross/net, L 495 Baskets 3 3 Basket material Steel coated with plastic powder Inner lids No FEATURES Lock Yes LED Light No Battery Backup for Controller, 24h No Porthole Yes - 0 12 mm Dry Contact No Door	Internal Air Distribution	Static
Controller XR30CX Controller language No language - only 3 digits USB Connection No Logging No Temperature Graph No High/Low Temp. Alarm Yes Open Door Alarm No Probe Failure Alarm No STORAGE Volume, Gross/net, L 495 Baskets 3 Basket material Steel coated with plastic powder Inner lids No FEATURES Lock Yes Lock Yes Lock Yes LED Light No Battery Backup for Controller, 24h No Porthole Yes - 0 12 mm Dry Contact No Door	Number of Probes	1
Controller languageNo language - only 3 digitsUSB ConnectionNoLoggingNoTemperature GraphNoHigh/Low Temp. AlarmYesOpen Door AlarmNoProbe Failure AlarmYesPower Failure AlarmNoSTORAGEStole Coated with plastic powderVolume, Gross/net, L495Baskets3Basket materialSteel coated with plastic powderInner lidsNoFEATURESLockYesLED LightNoBattery Backup for Controller, 24hNoPortholeYes - 0 12 mmDry ContactNoDoorSolid	CONTROLLER	
USB Connection No Logging No Temperature Graph No High/Low Temp. Alarm Yes Open Door Alarm No Probe Failure Alarm No STORAGE Volume, Gross/net, L 495 Baskets 38 Basket material Steel coated with plastic powder Inner lids No FEATURES Lock Yes LED Light No Battery Backup for Controller, 24h No Porthole Yes-012 mm Dry Contact No Door Solid	Controller	XR30CX
LoggingNoTemperature GraphNoHigh/Low Temp. AlarmYesOpen Door AlarmNoProbe Failure AlarmYesPower Failure AlarmNoSTORAGEVolume, Gross/net, L495Baskets3Basket materialSteel coated with plastic powderInner lidsNoFEATURESLockYesLED LightNoBattery Backup for Controller, 24hNoPortholeYes - Ø 12 mmDry ContactNoDoorSolid	Controller language	No language - only 3 digits
Temperature Graph High/Low Temp. Alarm Open Door Alarm No Probe Failure Alarm Power Failure Alarm No STORAGE Volume, Gross/net, L Baskets Sasket material Steel coated with plastic powder Inner lids No FEATURES Lock LED Light No Battery Backup for Controller, 24h No Porthole Tyes - 0 12 mm Dry Contact No Door	USB Connection	No
High/Low Temp. Alarm Open Door Alarm No Probe Failure Alarm Power Failure Alarm No STORAGE Volume, Gross/net, L Baskets Basket material Steel coated with plastic powder Inner lids No FEATURES Lock LED Light No Battery Backup for Controller, 24h No Porthole Porthole Solid	Logging	No
Open Door Alarm No Probe Failure Alarm No STORAGE Volume, Gross/net, L 495 Baskets 3 Basket material Steel coated with plastic powder Inner lids No FEATURES Yes Lock Yes LED Light No Battery Backup for Controller, 24h No Porthole Yes - Ø 12 mm Dry Contact No Door Solid	Temperature Graph	No
Probe Failure Alarm Power Failure Alarm No STORAGE Volume, Gross/net, L Baskets Basket material Inner lids FEATURES Lock Lock Lock Lock Poyes LED Light Battery Backup for Controller, 24h Porthole Pry Contact Door Solid	High/Low Temp. Alarm	Yes
Power Failure Alarm STORAGE Volume, Gross/net, L Baskets Basket material Steel coated with plastic powder Inner lids FEATURES Lock LED Light Battery Backup for Controller, 24h Porthole Dry Contact No Solid	Open Door Alarm	No
STORAGEVolume, Gross/net, L495Baskets3Basket materialSteel coated with plastic powderInner lidsNoFEATURESLockYesLED LightNoBattery Backup for Controller, 24hNoPortholeYes-∅12 mmDry ContactNoDoorSolid	Probe Failure Alarm	Yes
Volume, Gross/net, L 495 Baskets 3 Basket material Steel coated with plastic powder Inner lids No FEATURES Lock Yes LED Light No Battery Backup for Controller, 24h No Porthole Yes - Ø 12 mm Dry Contact No Door Solid	Power Failure Alarm	No
Baskets 3 Basket material Steel coated with plastic powder Inner lids No FEATURES Lock Yes LED Light No Battery Backup for Controller, 24h No Porthole Yes - Ø 12 mm Dry Contact No Door Solid	STORAGE	
Basket material Inner lids No FEATURES Lock LED Light No Battery Backup for Controller, 24h Porthole Dry Contact No Steel coated with plastic powder No No Steel coated with plastic powder No No No Steel coated with plastic powder No No No Steel coated with plastic powder No No Steel coated with plastic powder No No	Volume, Gross/net, L	495
Inner lids FEATURES Lock LED Light Battery Backup for Controller, 24h Porthole Dry Contact Door	Baskets	3
FEATURES Lock Yes LED Light No Battery Backup for Controller, 24h No Porthole Yes - Ø 12 mm Dry Contact No Door Solid	Basket material	Steel coated with plastic powder
Lock Yes LED Light No Battery Backup for Controller, 24h No Porthole Yes - Ø 12 mm Dry Contact No Door Solid	Innerlids	No
LED Light No Battery Backup for Controller, 24h No Porthole Yes - Ø 12 mm Dry Contact No Door Solid	FEATURES	
Battery Backup for Controller, 24hNoPortholeYes - Ø 12 mmDry ContactNoDoorSolid	Lock	Yes
Porthole Yes - Ø 12 mm Dry Contact No Door Solid	LED Light	No
Dry ContactNoDoorSolid	Battery Backup for Controller, 24h	No
Door Solid	Porthole	Yes - Ø 12 mm
	Dry Contact	No
Door Reversibility	Door	Solid
	Door Reversibility	N/A



BIOMEDICAL

The VT low temperature freezers creates the possibility to maintain temperatures as low as -60°C. Supreme stability, reliability, user-friendliness and ease of cleaning make these freezers an ideal solution for laboratories and hospitals.

Frequency	Hz	50H;
Max Ambient	°C	30°C
Max Humidity	% rh	55%
PERFORMANCE		
All data in RT20°C		
Temperature Range	°C	-40 to -60
Uniformity in performance - difference +/- from Avg set point	°C	4,8
Pull down time (from 25 to factory setpoint)	Minutes	176
Hold over time (from factory SP to -25, -40 and -60) Empty	Minutes	76-81
Refrigerant		Nature R
Number of probes	pcs	1
Defrost	y/n	No
Internal air distribution		Static
Number of compressors	pcs	1
Safety thermostat	y/n	No
Energy 24 hours	kWh/24h	5,775
Energy year	kWh/year	2107,875

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