

504-2023

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

November Session of the October Adjourned

Term. 20 23

In the County Commission of said county, on the 7th day of November 20 23

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the award of County Contract C000697 awarded Co-operative Contract CS231567001 for Mental Health Check-In Services with Clinical Associates PA of Lenexa, Kansas for the Boone County Sheriff's Office.

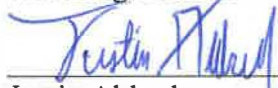
The Contract is set out in the attached and the Presiding Commission is authorized to sign the same.

Done this 7th day of November 2023.

ATTEST:


Brianna L. Lennon
Clerk of the County Commission


Kip Kendrick
Presiding Commissioner


Justin Aldred
District I Commissioner


Janet M. Thompson
District II Commissioner

Boone County Purchasing

Liz Palazzolo, CPPO, C.P.M.
Senior Buyer



613 E. Ash St, Room 110
Columbia, MO 65201
Phone: (573) 886-4392
Fax: (573) 886-4390

MEMORANDUM

TO: Boone County Commission
FROM: Liz Palazzolo, Senior Buyer
DATE: October 26, 2023
RE: Award of Contract C000697, Cooperative Contract CS231567001 –
Mental Health Check-In Services, Term and Supply for the Boone County
Sheriff's Office

Purchasing requests approval for awarding contract C000697 which is awarded from cooperative contract CS231567001 for Mental Health Check-In Services set up by the State of Missouri with Clinical Associates, PA of Lenexa, Kansas. The contract provides mental health support service delivered by a licensed psychologist or counselor via tele-video.

The original contract period will commence January 01, 2024 and extend through June 25, 2025. There are three (3) one-year renewal options available to renew the contract on a year-to-year basis after the original contract period.

This is a Term and Supply contract. Payment will reference the following Department/Object codes:

1251 – General Fund Sheriff Operations/71101 – Professional Services;
1255 – General Fund Detention Operations/71101 – Professional Services.

/lp

c: Captain Brian Leer
Contract File

PURCHASE AGREEMENT
for
MENTAL HEALTH CHECK-IN SERVICES – TERM & SUPPLY

THIS AGREEMENT, County Contract **C000697**, dated the 7th day of November 2023 is made between Boone County, Missouri, a political subdivision of the State of Missouri through the Boone County Commission, herein "County" and **Clinical Associates, PA (dba Florissant Psychological Services, Inc.)** herein "Vendor."

IN CONSIDERATION of the parties' performance of the respective obligations contained herein, the parties agree as follows:

1. **Contract Documents** - This agreement shall consist of this Purchase Agreement for **Mental Health Check-In Services** in compliance with all bid specifications and any addenda issued for the **State of Missouri Contract CS231567001** and Boone County's Standard Terms and Conditions. All such documents shall constitute the contract documents which are incorporated herein by reference. Service or product data, specification and literature submitted with the bid response may be permanently maintained in the County Purchasing Office contract file for this contract if not attached. In the event of conflict between any of the foregoing documents, this Purchase Agreement, the State of Missouri Contract CS231567001, and Boone County Standard Terms and Conditions shall prevail and control over the vendor's bid response.

2. **Purchase** - The County agrees to purchase from the Vendor and the Vendor agrees to supply the County with Mental Health Check-In Services consistent with the award terms of contract CS231567001 as priced in said cooperative contract:

Line Item	Description	Original Contract Period Firm, fixed price per Each	First Renewal Period Firm Maximum Price per Each	Second Renewal Period Firm Maximum Price per Each	Third Renewal Period Firm Maximum Price per Each
1.	Mental Health Check-In Visit	\$150.00 per visit	\$155.00 per visit	\$160.00 per visit	\$165.00 per visit

3. **Contract Period** - The contract period shall start **January 01, 2024 through June 25, 2025**. The County reserves the option to renew the contract for three (3) one-year contract periods beyond this initial contract period.

4. **Purchase Order** - The County will issue a Purchase Order for any order placed from this contract.

5. **Billing and Payment** - All billing shall be invoiced to the Boone County Sheriff's Office at 2121 County Drive, Columbia, Missouri, 65202. Billings may only include the prices listed herein. No additional fees for paperwork processing, labor, or taxes shall be included as additional charges. The County agrees to pay all invoices within thirty days of receipt. In the event of a billing dispute, the County reserves the right to withhold payment on the disputed amount; in the event the billing dispute is

resolved in favor of the Vendor, the County agrees to pay interest at a rate of 9% per annum on disputed amounts withheld commencing from the last date that payment was due.

7. **Binding Effect** - This agreement shall be binding upon the parties hereto and their successors and assigns for so long as this agreement remains in full force and effect.

8. **Termination** - This agreement may be terminated by the County upon thirty (30) calendar days advance written notice for any of the following reasons or under any of the following circumstances:

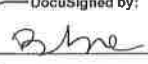
- a. The County may terminate this agreement due to material breach of any term or condition of this agreement, or
- b. The County may terminate this agreement if in the opinion of the Boone County Commission if delivery of products is delayed or products delivered are not in conformity with bidding specifications or variances authorized by County, or
- c. Termination for convenience – the County may terminate this Agreement for any reason or no reason upon sixty (6) days' written notice to the contractor, or
- d. If appropriations are not made available and budgeted for any calendar year.

IN WITNESS WHEREOF the parties through their duly authorized representatives have executed this agreement on the day and year first above written.

CLINICAL ASSOCIATES PA

BOONE COUNTY, MISSOURI

by: Boone County Commission

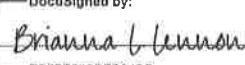
by 
DocuSigned by: 45818E1C4857411...
 title President


DocuSigned by: 57400BED96434D4...
 Presiding Commissioner

APPROVED AS TO FORM:

ATTEST:



DocuSigned by: 7D71DEAE9D74DD...
 County Counselor


DocuSigned by: D267E2428FB94BC...
 Boone County Clerk

AUDITOR CERTIFICATION

In accordance with RSMo 50.660, I hereby certify that a sufficient unencumbered appropriation balance exists and is available to satisfy the obligation(s) arising from this contract.

1251/71101 and 1255/71101 – Term & Supply


DocuSigned by: Kyle Roman by F. No Electronic Signature Required. 8C24BD84EE7A483...
 Signature 10/29/2023 Date Appropriation Account

505 2023

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ca.

November Session of the October Adjourned

Term. 20 23

In the County Commission of said county, on the 7th day of November 20 23

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby designate **Greg Edington** as its proxy to attend the annual meeting of the Hartsburg Levee District on November 14, 2023.

The Presiding Commissioner is authorized to execute the attached Proxy form provided by the Levee District.

Done this 7th day of November 2023.

ATTEST:


Brianna L. Lennon
Clerk of the County Commission

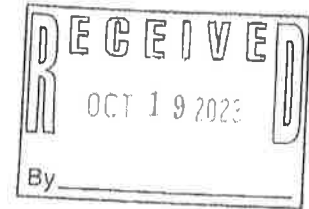

Kip Kondrick
Presiding Commissioner


Justin Aldred
District I Commissioner


Janet M. Thompson
District II Commissioner

Hartsburg Levee District

Hartsburg, Missouri 65039



October 16, 2023

Land Owners
Hartsburg Levee District

Dear Land Owner:

The annual meeting of the Hartsburg Levee District has been set for **Tuesday, November 14, 2023** at 7:30 p.m. at the American Legion Hall in Hartsburg. One supervisor will be elected to hold office for five years. Larry Lammers' term on the board expires this year. As a land owner you are entitled to one vote in person or by proxy for every acre of land that has benefits assessed. In the event you are unable to attend this meeting, you may use the enclosed PROXY.

Sincerely,

A handwritten signature in cursive script that reads "Brenda J. Reeder".

Brenda J. Reeder
Secretary-Treasurer

Enclosure

PROXY

KNOW ALL MEN BY THESE PRESENTS:

That I, Boone County Commission do hereby constitute and appoint
Grag Edington my true and lawful agent and attorney, for me and in
my name to vote as my proxy at the election of one Supervisor of the Hartsburg Levee
District at the annual meeting of the owners of land and other property within the
boundaries of the Hartsburg Levee District to be held Tuesday, November 14, 2023 at
7:30 (C.S.T.) at the American Legion Hall, Hartsburg, Missouri, with all the powers I
would possess if personally present, hereby revoking any previous proxies given by me.

I own _____ acres of land and _____ miles of right-of-way within the District
that has benefits assessed against it.

Dated: Nov. 7, 2023


Signature

WITNESS:


Signature

504 -2023

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November Session of the October Adjourned

Term. 20 23

County of Boone

In the County Commission of said county, on the

7th

day of November

20 23

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the Budget Amendment for Department 2049 to cover Class 7 Sales Tax Distribution.

Done this 7th day of November 2023.

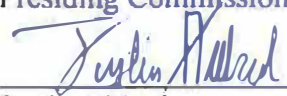
ATTEST:



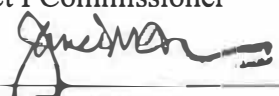
Brianna L. Lennon
Clerk of the County Commission



Kip Kendrick
Presiding Commissioner



Justin Aldred
District I Commissioner



Janet M. Thompson
District II Commissioner

Dept 2049 R&B Non-Departmental

	71305 CART/MV Rd Dist	71350 Statutory	71405 Rplc Prop Tx	71451 Formula A&B	71452 Application	71453 Road Dist	Total
10/10/2023 Balance	\$7,438.65	\$306,010.00	\$1,431,432.07	\$1,333,450.00	\$114,892.00	\$131,160.00	\$3,324,382.72
Ashland		(\$10,722.35)	(\$45,268.26)	(\$149,773.07)			(\$205,763.68)
Centralia		(\$8,681.32)	(\$36,642.09)	(\$158,606.40)			(\$203,929.81)
Columbia		(\$301,605.55)	(\$1,274,640.98)	(\$1,264,479.80)			(\$2,840,726.33)
Hallsville		(\$2,977.46)	(\$12,565.24)	(\$41,442.29)			(\$56,984.99)
Harrisburg		(\$420.11)	(\$1,773.46)		(\$16,936.93)		(\$19,130.50)
Hartsburg		(\$126.63)	(\$533.22)		(\$12,702.70)		(\$13,362.55)
Rocheport		(\$465.26)	(\$1,961.45)		(\$20,112.61)		(\$22,539.32)
Sturgeon		(\$1,211.84)	(\$5,106.26)		(\$50,810.80)		(\$57,128.90)
Huntsdale		(\$25.35)	(\$105.43)				(\$130.78)
McBaine		(\$5.85)	(\$24.76)				(\$30.61)
Pierpont		(\$160.32)	(\$676.42)				(\$836.74)
CSRD						(\$158,783.76)	(\$158,783.76)
Est CSRD remaining	(\$30,043.78)		(\$112,348.67)				(\$142,392.45)
Est. Account Totals EOY	(\$22,605.13)	(\$20,392.04)	(\$60,214.17)	(\$280,851.56)	\$14,328.96	(\$27,623.76)	(\$397,357.70)
Total Amendment Needed							(\$411,686.66)

2021 Ave	\$23,587.63	July-actual	\$456.27	
2022 Ave	\$26,696.66	August-actual	\$598.86	
2023 Ave-3 Qtrs	\$30,043.78	September-actual	488.73	
		October-est	\$154.88	
		November-est	\$48,723.59	
		December-est	\$61,926.33	
		Jul-Dec Total	\$112,348.67	
		October	November	December
	2020	\$152.85	\$22,089.38	\$80,828.37
	2021	\$118.81	\$59,781.43	\$43,219.78
	2022	\$192.98	\$64,299.97	\$61,730.85
Average		\$154.88	\$48,723.59	\$61,926.33

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Term. 20 23

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} ea.

In the County Commission of said county, on the

7th

day of November

20 23

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the Budget Amendment for Department 1228 to request emergency funds for a replacement evidence freezer.

Done this 7th day of November 2023.

ATTEST:



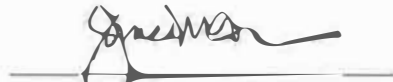
Brianna L. Lennon
Clerk of the County Commission



Kip Kendrick
Presiding Commissioner



Justin Aldred
District I Commissioner



Janet M. Thompson
District II Commissioner

**BOONE COUNTY, MISSOURI
REQUEST FOR BUDGET AMENDMENT**

10/20/23

EFFECTIVE DATE

FOR AUDITORS USE


(Use whole \$ amounts)

Transfer From Decrease Transfer To Increase

Dept	Account	Fund/Dept Name	Account Name	Transfer From Decrease	Transfer To Increase
1228	92300	GF Sheriff/Detention Admin	Replacement Mach & Equip		9,098
				-	9,098

Describe the circumstances requiring this Budget Amendment. Please address any budgetary impact for the remainder of this year and subsequent years. (Use an attachment if necessary):

Requesting emergency funds for replacement evidence freezer, see attached.



 Requesting Official

TO BE COMPLETED BY AUDITOR'S OFFICE

- A schedule of previously processed Budget Revisions/Amendments is attached
- A fund-solvency schedule is attached.
- Comments: *1228-New Freezer*



 Auditor's Office


 PRESIDING COMMISSIONER



 DISTRICT I COMMISSIONER



 DISTRICT II COMMISSIONER

BUDGET AMENDMENT PROCEDURES

- County Clerk schedules the Budget Amendment for a first reading on the commission agenda. A copy of the Budget Amendment and all attachments must be made available for public inspection and review for a period of at least 10 days commencing with the first reading of the Budget Amendment.
- At the first reading, the Commission sets the Public Hearing date (at least 10 days hence) and instructs the County Clerk to provide at least 5 days public notice of the Public Hearing. NOTE: The 10-day period may not be waived.
- The Budget Amendment may not be approved prior to the Public Hearing.



BOONE COUNTY SHERIFF'S OFFICE

2121 County Drive Columbia, Missouri 65202-9051
DWAYNE CAREY, Sheriff Phone (573)875-1111 Fax (573)874-8953

DATE: October 20, 2023
FROM: Captain Brian Leer
RE: Emergency Replacement of Evidence Freezer

On 05/14/2014, the Boone County Sheriff's Department acquired an Artic Air Freezer for the purposes of storing evidentiary items requiring storage at a temperature at/below freezing. The purchase price for this unit was \$1,502.96. This has proven to be a great asset and has worked well until recently. Unfortunately, we discovered during an inspection on 10/03/2023 the Artic Air Freezer was malfunctioning and in need of service/repair.

A service provider inspected the freezer and estimated the cost for service and repairs needed to be approximately \$2,839.78. With the age of the freezer and cost of the repair well in excess of the value of the freezer, we have determined it to be more fiscally responsible to pursue the purchase of a replacement freezer.

We are requesting emergency funds be budgeted to purchase a replacement freezer for the storage of evidentiary items. We have researched various options and believe we have identified a fiscally responsible option for this replacement. The Helmer iLF125-GX i.Series 25 cubic foot upright freezer was identified as the desired replacement. We believe this freezer will meet our need to store sensitive evidentiary items that must remain frozen during storage. This is a laboratory quality freezer manufactured with alarm features, rather than simply a commercial grade freezer requiring the fabrication of an aftermarket alarm solution, which will provide piece of mind that our frozen evidence will be preserved in an appropriate environment.

The cost of the replacement freezer is \$8,668.15 with a \$429.23 delivery fee, so the total funding needed for this replacement is \$9,097.38. We humbly request Boone County Commission approval of \$9,097.38 to purchase the replacement freezer described above.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian Leer', written over a horizontal line.

Captain Brian Leer



Fast Fix
314 Nebraska Ave
Columbia, MO 65201

WORK ORDER:
00-0097014

INVOICE

Bill to: Boone County Sheriff's Department
Boone County Sheriff's Dept. 2121 County Dr
Columbia, MO 65202

Invoice Date: 10/11/2023

Class: Como
Site: 2121 County Dr.

Attention: Lesa Quick
5738751111

2121 County Dr.
Columbia, MO 65202

Work done description: **QUOTE**
To replace compressor on reach in freezer.

Item	Description	Qty	Rate	Amount \$
Service:Service Call	Basic Service Call Charge	1.00	105.00	105.00
Misc. Material	65384 Compressor	1.00	630.20	630.20
Misc. Material	66027 Dryer	1.00	64.59	64.59
R404A	R404A Freon	2.00	85.00	170.00
Service:Shipping & Handling	Shipping & Handling	1.00	150.00	150.00
TVC & Recovery	Torch s/s vacuum charge & Recovery Charge	1.00	195.00	195.00
Service:Disposal	Disposal of product	1.00	100.00	100.00
Nitrogen	Nitrogen	1.00	29.00	29.00
67067	Door Gasket (Arctic Air)	1.00	151.80	151.80
Misc. Material	67067-Drain	1.00	27.60	27.60
Misc. Material	R5P15 contactor	1.00	91.59	91.59
Misc. Material	Misc copper fittings and hardware	1.00	75.00	75.00
Service:Bid Labor, Refrigeration	Bid Labor Refrigeration	1.00	1050.00	1050.00
Sub Total:				2839.78
Total Amount Due:				2839.78

For questions please call 573-544-0456

I certify that the technician(s) arrived and departed at the times shown and that the reports made have been performed as stated and that these repairs have been made to my complete satisfaction. I hereby authorized Fast Fix to order and install the above parts.

TERMS: Net 30 days from invoice date. If credit card is on file and invoice is not paid within 30 days Fast Fix has approval to put charges on credit card on file. Return checks are subject to a service charge of \$35.00. All new accounts are C.O.D. Finance charges are assessed at 2.5% per month for all invoices over 30 days old.

QUOTES - All Quoted parts & labor are only valid for 7 days after the quote is emailed. After 7 days with no approval from customer, Fast Fix will need to re-quote and send to customer again for approval with the same 7 day stipulation of approval process.

SAVE \$ WITH PREVENTATIVE MAINTENANCE SERVICES. THANK YOU!

Quote to repair current unit



14400 Bergen Boulevard
Noblesville, IN 46060

QUOTATION

Toll Free: 800.743.5637
EMAIL or FAX orders to:
orders@helmerinc.com
317-773-9082

Creation Date: 10/10/2023 4:00:14 PM

Quote #:
QUO-211410-M9Z5Y2
Rev: 0

PLEASE REFER TO THIS QUOTE NUMBER ON
ALL CORRESPONDENCES AND ORDERS

YOUR REPRESENTATIVE:
Laura Terry
1-317-764-5217 Ext: 3818
LTerry@helmerinc.com

Requestor: Chad Martin
cemartin@boonecountymmo.org
5734894618

Facility ID:

Boone County Sheriff's Office
2121 County Drive
Columbia MO 65202

Ship to:

CONTRACT	Premier Gen Lab T1 2021	PP-LA-574
Terms: NO Days	FOB: Destination	Shipping Charge:
Effective Date	2023-10-10	
Expiration Date	2024-01-10	

Ln No	Part#	Model	Description / Details	QTY	Price Each	Total /Extended
1	5222125-1	iLF125-GX	iLF125-GX i.Series® Laboratory Freezer, 25 cu ft (714 Liters)	1	\$8,668.15	\$8,668.15
2	500004-1		Lift gate Services to your loading dock or to ground level NOTE: All floor models require a forklift for removal from pallet	1	\$429.23	\$429.23

Shipping Method:			Sub Total:	\$9,097.38
We accept Visa, Mastercard and American Express			Total Amount:	\$9,097.38
			All prices are in USD	

Notes:

Unit quoted at standard configuration
Certificate of calibration included

Visit our website: www.helmerinc.com

ISO13485:2016 certified

Helmer may request new customers and established customers to complete a new customer form in order to create or update current account information. This requirement will be contingent on order amount and prior history with Helmer.



QUOTATION

Creation Date: 10/10/2023 4:00:14 PM

Toll Free: 800.743.5637
EMAIL or FAX orders to:
orders@helmerinc.com
317-773-9082

Quote #:
QUO-211410-M925V2
Rev: 0

PLEASE REFER TO THIS QUOTE NUMBER ON ALL CORRESPONDENCES AND ORDERS

YOUR REPRESENTATIVE:
Laura Terry
1-317-764-5217 Ext: 3818
LTerry@helmerinc.com

This quotation is subject to Helmer Scientific's standard terms and conditions, please visit <https://www.helmerinc.com/terms/general>.

SHIPPING: Standard cost is dock-to-dock delivery. Inside delivery (white glove) and lift gate is an additional cost and will be quoted upon request.

ORDERING INSTRUCTIONS:

Purchase Orders: Email to orders@helmerinc.com or Fax to (317) 773-9082. Please include the Helmer Quote Number on your PO.

Credit Card Orders: Please contact Customer Service at: (800) 743-5637 (8-5 EST M-F) to provide information securely over the phone.

Helmer may request new customers and established customers complete our credit application to create or update current credit files. This requirement will be contingent on order amount and prior history with Helmer.

Domestic Warranties	I Series and PRO			Horizon Series		
	Compressor	Parts	Labor	Compressor	Parts	Labor
Refrigerators	7 yrs.	2 yrs.	1 yr.	5 yrs.	2 yrs.	1 yr.
-30° Freezers	5 yrs.	2 yrs.	1 yr.	3 yrs.	2 yrs.	1 yr.
Ultra Low Freezers	5 yrs.	2 yrs.	2 yrs.			
Platelet Incubators	5 yrs.	2 yrs.	1 yr.			
Platelet Agitators	2 yrs. Parts, 1 yr. Labor					
Plasma Thawers	2 yrs. Parts, 1 yr Labor					
Cell Washers	2 yrs. Parts, 1 yr. Labor					
Centrifuges	5 yrs. Power Train, 2 yrs. Parts, 1 yr. Labor					



QUOTATION

Creation Date: 10/10/2023 4:00:14 PM

Toll Free: 800.743.5637
EMAIL or FAX orders to:
orders@helmerinc.com
317-773-9082

Quote #:
QUO-211410-M9Z5Y2
Rev: 0

PLEASE REFER TO THIS QUOTE NUMBER ON
ALL CORRESPONDENCES AND ORDERS

YOUR REPRESENTATIVE:
Laura Terry
1-317-764-5217 Ext: 3818
LTerry@helmerinc.com

Configured As:

Line No: 1
Model: ILF125-GX
Item Number: 5222125-1
Description: iLF125-GX i.Series® Laboratory Freezer, 25 cu ft (714 Liters)

Part Number	Description	Qty	Price Each
5222125-1	iLF125-GX i.Series® Laboratory Freezer, 25 cu ft (714 Liters)	1	8,429.55
4010203-1	Power Option: 115V 60Hz (for i.Series® Freezers, GX models, 25 cu ft)	1	0.00
4110006-1	Power Cord Option: 115V 60Hz NEMA 5-15	1	0.00
4020051-1	Exterior Option: Powder Coat, Helmer Blue (for Freezers, GX models, 25 cu ft)	1	0.00
4030055-1	Interior Option: Powder Coat, White (for Freezers, GX models, 25 cu ft)	1	0.00
4050076-1	Chart Recorder Option: None (for i.Series® Blood Bank/Plasma Storage Freezers, GX models, 20 25 cu ft)	1	0.00
4060074-1	Lock Option: Standard Key (for i.Series® Freezers, GX models, 20 25 cu ft)	1	0.00
4070246-1	Door Option: Right Hinge, Solid - with i.C3™ (for i.Series® Freezers, GX models, 20 25 cu ft)	1	0.00
4090119-1	Storage Option: Shelf, Ventilated, Factory Installed (for Freezers, GX models, 25 cu ft)	1	0.00
4090119-1	Storage Option: Shelf, Ventilated, Factory Installed (for Freezers, GX models, 25 cu ft)	1	0.00
4090119-1	Storage Option: Shelf, Ventilated, Factory Installed (for Freezers, GX models, 25 cu ft)	1	0.00
4090119-1	Storage Option: Shelf, Ventilated, Factory Installed (for Freezers, GX models, 25 cu ft)	1	0.00
4090118-1	Storage Option: None (for Freezers, GX models, 25 cu ft)	1	0.00
4090118-1	Storage Option: None (for Freezers, GX models, 25 cu ft)	1	0.00
4090118-1	Storage Option: None (for Freezers, GX models, 25 cu ft)	1	0.00
4090118-1	Storage Option: None (for Freezers, GX models, 25 cu ft)	1	0.00

Visit our website: www.helmerinc.com

ISO13485:2016 certified

Page 3 of 4

Helmer may request new customers and established customers to complete a new customer form in order to create or update current account information. This requirement will be contingent on order amount and prior history with Helmer.



14400 Bergen Boulevard
Noblesville, IN 46060

QUOTATION

Toll Free: 800.743.5637

EMAIL or FAX orders to:

orders@helmerinc.com

317-773-9082

Creation Date: 10/10/2023 4:00:14 PM

Quote #:

QUO-211410-M9Z5Y2

Rev: 0

PLEASE REFER TO THIS QUOTE NUMBER ON
ALL CORRESPONDENCES AND ORDERS

YOUR REPRESENTATIVE:

Laura Terry

1-317-764-5217 Ext: 3818

LTerry@helmerinc.com

4120017-1	Monitoring Option: Bottles with Glycol, Factory Installed (for i.Series® Freezers with 7 or fewer storage items, GX models, 20 25 cu ft)	1	0.00
4900121-1	Special Option: NSF/ANSI 456 Vaccine Storage Certified Labeling (price Includes Certificate of Calibration)	1	238.60

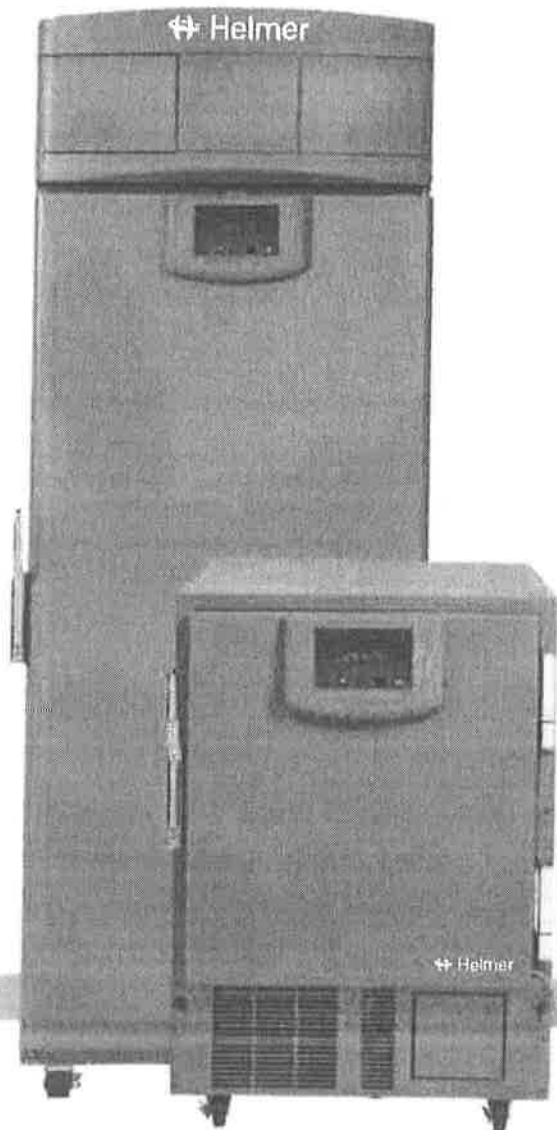
Total Price: \$8,668.15



Helmer
S C I E N T I F I C

The First Professional Medical-grade Freezers

i.Series® and Horizon Series™ Freezers
Laboratory | Plasma



GX Solutions
powered by OptiCool™

Helmer

What is a professional, medical-grade freezer?

Professional, medical-grade freezers are designed for the unique needs of critical healthcare applications, such as vaccine, plasma, reagent, and patient sample storage. Only professional, medical-grade freezers deliver optimized control in three important areas:



Temperature management

to safeguard stored products and maintain efficacy; maintaining acceptable temperature both during normal operation and auto-defrost cycles



Noise management

to provide a more comfortable environment for patients and a more productive workplace for staff.



Energy management

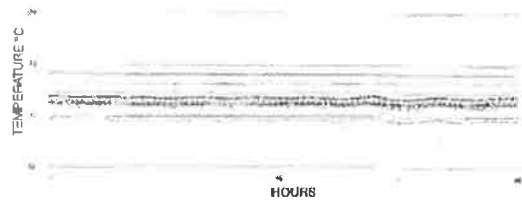
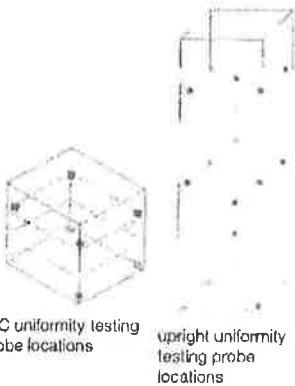
to reduce operating costs and support sustainability initiatives.

GX Solutions are the first cold-storage solution to offer optimized control in all three areas and offer the following benefits:

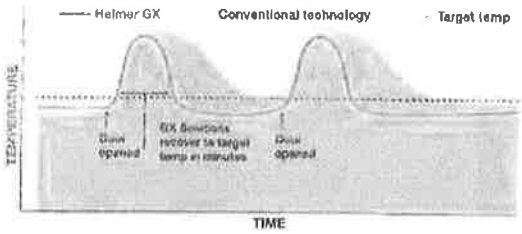


Temperature Management

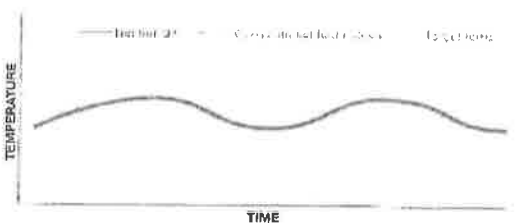
Uniformity - Temperatures are maintained within $\pm 2^{\circ}\text{C}$ throughout the unit. This provides confidence that contents are stored at the right temperature regardless of where they are placed within the unit.



Recovery - Faster recovery after prolonged door openings. Forced-air circulation keeps contents at the right temperature even when the unit is opened multiple times per hour for stocking, inventory counts and product retrieval.



Stability - Maintain superior temperature stability. This creates fewer deviations from the set point and avoids rapid, significant changes in temperature ensuring that patient samples, medications/vaccines or blood therapies are always in their optimal storage environment.

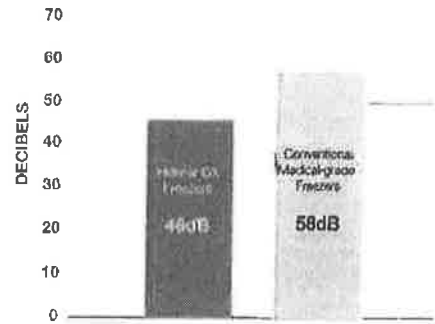


Professional Medical-grade Refrigeration - OptiCool™ Cooling System



Noise Management

Designed for noise-sensitive areas such as medication rooms, pharmacies, labs, and patient rooms, GX professional medical-grade freezers are 3x quieter than traditional models leading to better rest for patients and fewer distractions for healthcare personnel.



Every increase of 10dB on the scale is equivalent to a 10-fold increase in sound intensity. U/C freezer example shown.



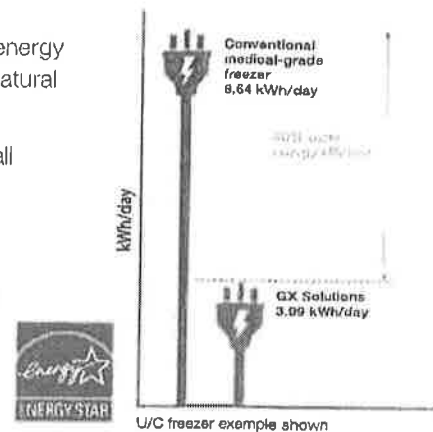
Energy Management

GX Solutions are ENERGY STAR® certified* and 35-45% more energy efficient than conventional medical-grade freezers. The use of natural hydrocarbons:

Reduces heat output - allows facilities to place freezers in small work areas while limiting impact on HVAC system.

Decreases carbon footprint - uses natural hydrocarbon (HC) refrigerants to dramatically decrease global warming potential.

Meets ever-changing energy standards - GX refrigerants are compliant with the Significant New Alternatives Policy (SNAP).



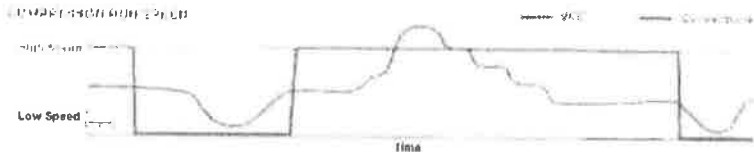
U/C freezer example shown



Powering the 1st professional medical-grade freezers

The OptiCool™ cooling system pairs a variable capacity compressor (VCC) and natural hydrocarbon (HC) refrigerants.

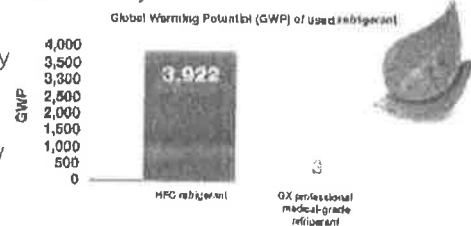
How does a VCC system optimize temperature performance and energy efficiency?



The OptiCool™ cooling system uses intelligent sensors to monitor operating conditions. When the door of the unit is opened, the VCC runs at a higher speed to deliver optimal temperature performance. When the temperature stabilizes, the VCC runs at a lower speed, resulting in lower energy consumption.

Natural Refrigerants Support Environmental Sustainability

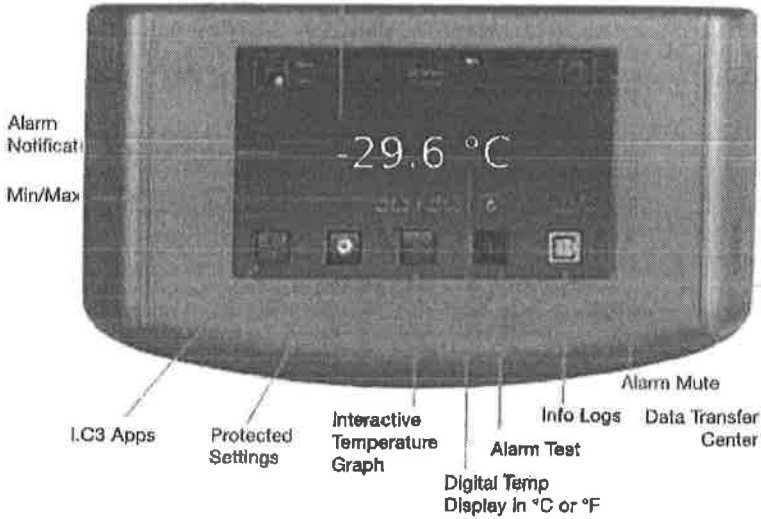
The OptiCool™ cooling system uses R290, a naturally occurring refrigerant that is Environmental Protection Agency (EPA), Significant New Alternatives Policy (SNAP), and EU F-Gas compliant. This natural refrigerant is environmentally friendly, having no impact on ozone depletion and a very low Global Warming Potential (GWP) grade.



GX Solutions are available in i.Series® and Horizon Series™ Lines

i.Series®

7" (177mm) door-mounted touchscreen



i.C3® Information Center

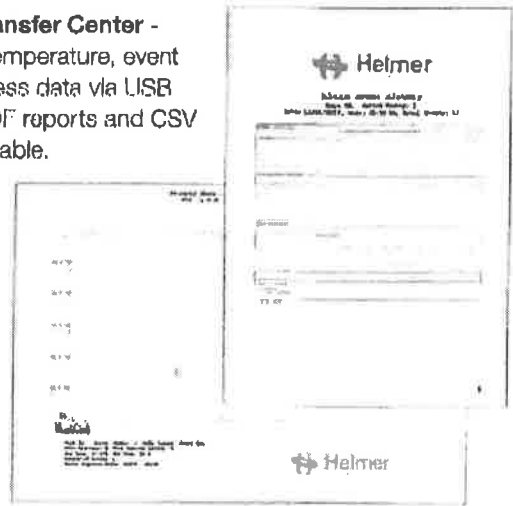
The i.Series I.C3 Information Center provides constant temperature monitoring and multiple information logs while offering security features to keep settings safe.

System Status Console - monitor status of the unit with one quick glance at the home screen.

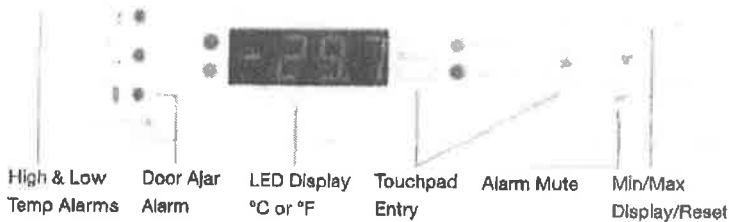
Information and Event Center - records performance history of unit including event acknowledgement. Includes event status, min/max temps, and 7- and 1-day interactive graph views.

Guardian Plus™ Protection - offers protected settings and limited access plus optional integrated electromagnetic access control.

Data Transfer Center - export temperature, event and access data via USB port. PDF reports and CSV files available.



Horizon Series™



Horizon Controls

A digital microprocessor temperature controller with a built-in alarm powers the Horizon Series models. Min/Max display and reset are included. Optional integrated electromagnetic access control offers secure access to the freezer via the Horizon Access Control Keypad.

GX Solutions: i.Series® / Horizon Series™ Comparison

	i.Series™	Horizon Series™
Temperature Display	°C or °F	°C or °F
Monitor/Logging	Event log records date, time and temperature data	N/A
Compliance Data	Download PDF Reports and CSV files via USB port	N/A
Security	Password protected settings / Key lock	Key lock
Temperature Graphing	Interactive temperature graph	N/A
Temperature Alarm Test	Automatic high/low alarm testing (Peltier-based)	Manual alarm test
Alarm Probe(s)	Stainless steel in product simulation bottle 2 - 20 and 25 cu ft, 1- 5 cu ft	1 - Stainless steel in product simulation bottle
Standard Alarms	High and low temperature, Door open, Power failure	High and low temperature, Door open, Power failure
Additional Alarms	Condenser temperature, Probe failure, Low battery	Probe failure
Min/Max Temperatures	Display and reset	Display and reset
Backup Power	Rechargeable battery backup - 20 hrs	Battery backup - 2 hrs
Connectivity	Ethernet/API, USB ports (2)	N/A
Dry contact alarm connections	Yes	Yes
Digital calibration	Yes	Yes
Warranty	5 yr compressor / 2 yr parts / 1 yr labor*	3 yr compressor / 2 yr parts / 1 yr labor*

* Warranties applicable in US and Canada. For International warranty Information, contact your local distributor.

Services



Certificate of Calibration

Model and serial number certified to a NIST (National Institutes of Standards and Technology) traceable instrument. Conforms to ISO 17025 international standards for calibration testing and traceability. Must be requested at time of ordering.

Temperature Validation Service

Package certifies temperature performance of the freezer. A multiple point temperature recorder maps the temperature inside the freezer chamber and a document with data will be provided with a certificate of calibration for the test instrument. Must be ordered at time of purchase.

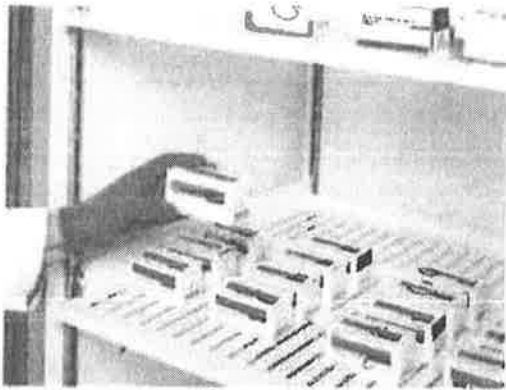
IQ/OQ Equipment Validation Guides

Provides documentation for Installation and Operational Qualifications (IQ/OQ), as well as an outline of suggested topics for performance qualification (PQ).

Full Level Service Agreements

Can be designed to include on-site parts, labor, preventative maintenance and/or calibration services.

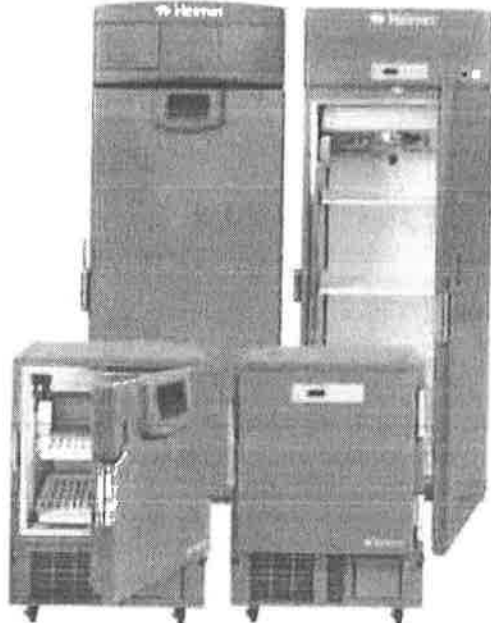
GX Solutions Professional Medical-grade Laboratory Freezers



Store Vaccines, Clinical Samples, Reagents and Controls

GX professional medical-grade laboratory freezers feature ventilated shelves and a solid door for secure storage of vaccines, medications, patient samples, reagents, laboratory media and other products requiring safe cold storage.

- » Powered by OptiCool™ cooling technology which pairs a variable capacity compressor (VCC) and natural hydrocarbon (HC) refrigerants to create a freezer with optimized control in temperature, noise and energy management
- » Factory pre-set to -30°C for laboratory applications
- » Quiet operation for improved work environment (U/C 46dB, Upright 52dB)
- » Reduced energy consumption (35-45% more efficient than traditional technology)
- » Sustainable U.S. EPA and SNAP compliant natural refrigerants and foaming agents
- » Meets NSF/ASNI 456 Vaccine Storage Standard requirements when configured with NSF/ANSI 456 certification option
- » Compatible with ADA compliant counter tops (undercounter)



Top (L-R) ILF120-GX, HLF120-GX
Bottom (L-R) ILF105 GX, HLF105 GX

Construction

- » Forced-air circulation maintains chamber temperature uniformity and provides quick recovery after door openings
- » Programmable electrical defrost: Program up to 4 daily defrost events to run during low use periods for greater efficiency
- » Solid, self-closing door maintains optimal storage conditions
- » Ventiladed shelves with side and rear guards are adjustable for storage flexibility
- » Bacteria-resistant powder coated interior and exterior
- » Swivel, locking casters (upright) / Leveling feet (U/C)
- » Recessed floor contains spills for easy clean up and to maintain integrity of other stored products
- » Key lock, settings security and optional access control



GX professional, medical-grade laboratory freezers

Model Number	Monitor	Temp Range Set point	Capacity cu ft L	Electrical	Doors	Ventilated Shelves	Sound Level dB	Interior Dimensions w x h x d in mm	Exterior Dimensions* w x h x d in mm	Net Weight lb kg
ILF105 GX*	iCG3™ Easy Interface	+15°C to -30°C -30°C	5.3 150	115V 60Hz 220-240V 50/60Hz	1, Solid	2 ventilated shelves	46	19.5 x 19.9 x 22.8 496 x 505 x 580	24 x 31.5 x 26.7 610 x 798 x 678	179 82
HLF105-GX*	Horizon Controller	+15°C to -30°C -30°C	5.3 150	115V 60Hz 220-240V 50/60Hz	1, Solid	2 ventilated shelves	46	19.5 x 19.9 x 22.8 496 x 505 x 580	24 x 31.5 x 26.7 610 x 798 x 678	179 82
ILF120-GX	iCG3™ User Interface	+15°C to -35°C -30°C	20.2 672	115V 60Hz 220-240V 50/60Hz	1, Solid	4 ventilated shelves	52	24.7 x 58.1 x 24 628 x 1476 x 609	29 x 60.3 x 28.6 737 x 2039 x 726	400 182
HLF120-GX	Horizon Controller	+15°C to -35°C -30°C	20.2 572	115V 60Hz 220-240V 50/60Hz	1, Solid	4 ventilated shelves	52	24.7 x 58.1 x 24 628 x 1476 x 609	29 x 60.3 x 28.4 737 x 2039 x 720	397 181
ILF125-GX	iCG3™ User Interface	+15°C to -35°C -30°C	26.2 714	115V 60Hz 220-240V 50/60Hz	1, Solid	4 ventilated shelves	52	24.7 x 58.1 x 30 628 x 1476 x 762	29 x 60.3 x 34.4 737 x 2039 x 874	444 202
HLF125-GX	Horizon Controller	+15°C to -35°C -30°C	25.2 714	115V 60Hz 220-240V 50/60Hz	1, Solid	4 ventilated shelves	52	24.7 x 58.1 x 30 628 x 1476 x 762	29 x 60.3 x 34.4 737 x 2039 x 874	444 201

*Can be used under a counter, for standing or stacked | *Exterior dimensions do not include handle, user interface

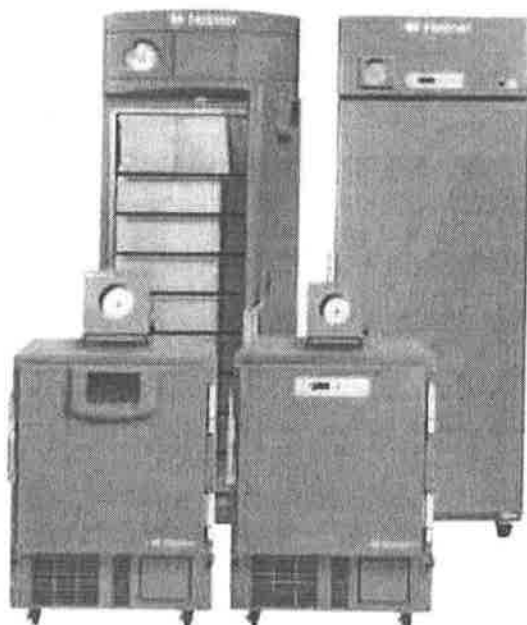
GX Solutions Professional Medical-grade Plasma Freezers



Blood Plasma Storage

GX professional medical-grade plasma freezers feature solid, stainless steel pull out drawers. They are designed to meet the strict requirements of AABB for secure storage of blood plasma.

- » Powered by OptiCool™ cooling technology which pairs a variable capacity compressor (VCC) and natural hydrocarbon (HC) refrigerants to create a freezer with optimized control in temperature, noise and energy management
- » Factory pre-set to -30°C to meet blood storage guidelines
- » Quiet operation for improved work environment (U/C 46dB, Upright 52dB)
- » Reduced energy consumption (35-45% more efficient than traditional technology)
- » Sustainable U.S. EPA and SNAP compliant natural refrigerants and foaming agents
- » Compatible with ADA compliant counter tops (undercounter)



Top (L-R) IBF120-GX, HBF120-GX
Bottom (L-R) IBF105-GX, HBF105-GX

Construction

- » Forced-air circulation maintains chamber temperature uniformity and provides quick recovery after door openings
- » Programmable electrical defrost: Program up to 4 daily defrost events to run during low use periods for greater efficiency
- » Solid, self-closing door maintains optimal storage conditions and is field-reversible
- » Solid, stainless steel pull out drawers with liquid-tight construction for containment of spills; fully extendable
- » Chart recorder with 7-day circular charts (inkless)
- » Bacteria-resistant powder coated interior and exterior
- » Swivel, locking casters (upright) / Leveling feet (U/C)
- » Recessed floor contains spills for easy clean up and maintain integrity of other stored products
- » Key lock, settings security and optional access control



GX professional, medical-grade plasma freezers

Model Number	Monitor	Temp Range Set point	Capacity cu ft L	Plasma Boxes	Electrical	Doors	Drawers	Sound dB	Interior Dimensions w x h x d in mm	Exterior Dimensions** w x h x d in mm	Net Weight lb kg
IBF105-GX*	IC3™ User Interface	-15°C to -30°C -30°C	5.3 150	4B	115V 60Hz 220-240V 50/60Hz	1, Solid	2 solid	46	18.5 x 19.9 x 22.8 466 x 505 x 580	24 x 31.5 x 26.7 in 610 x 798 x 678 mm	187 85
HBF105-GX*	Horizon Controller	15°C to 30°C -30°C	5.3 150	4B	115V 60Hz 220-240V 50/60Hz	1, Solid	2 solid	46	19.5 x 19.9 x 22.8 496 x 505 x 580	24 x 31.5 x 26.7 in 610 x 796 x 678 mm	187 85
IBF120-GX	IC3™ User Interface	-15°C to -35°C -30°C	20.2 572	360	115V 60Hz 220-240V 50/60Hz	1, Solid	8 solid plus Cold-Shield™	52	24.7 x 58.1 x 30 628 x 1476 x 609	29 x 60.3 x 28.6 737 x 2039 x 725	469 213
HBF120-GX	Horizon Controller	-15°C to -35°C 30°C	20.2 572	360	115V 60Hz 220-240V 50/60Hz	1, Solid	8 solid plus Cold-Shield™	52	24.7 x 58.1 x 30 628 x 1476 x 609	29 x 60.3 x 28.4 737 x 2039 x 720	466 212
IBF125-GX	IC3™ User Interface	-15°C to -35°C 30°C	25.2 714	464	115V 60Hz 220-240V 50/60Hz	1, Solid	8 solid plus Cold-Shield™	52	24.7 x 58.1 x 30 628 x 1476 x 762	29 x 60.3 x 34.4 737 x 2039 x 874	524 238
HBF125-GX	Horizon Controller	-15°C to -35°C 30°C	25.2 714	464	115V 60Hz 220-240V 50/60Hz	1, Solid	8 solid plus Cold-Shield™	52	24.7 x 58.1 x 30 628 x 1476 x 762	29 x 60.3 x 34.4 737 x 2039 x 874	521 237

*Can be used under counter, free-standing or stacked | **Exterior dimensions do not include handle / user interface



GX Solutions Options and Accessories

Options and accessories



Integrated Electromagnetic Access Control - Offers secure access to the refrigerator via the i.C3[®] Information Center (i.Series[®]) or Horizon Access Control Keypad (Horizon Series[™]).

An electromagnetic lock is integrated into the unit and controlled by PIN or user code. Up to 100 unique user IDs. Key override included.

Seismic Floor Anchoring Bracket Kit - Seismic-rated solution includes brackets installed on floor in the back of the unit and under the door. Covered under an ICC-ES Evaluation Report (ICC-ESR-4233)

Floor and Wall Bracket Kit - Floor mounting brackets and cabinet anchor hardware to secure freezer to the building floor and/or wall (not seismic-rated).

Remote Lock Adapter Kit - Locks for automated dispensing cabinets provide additional access control. Special accessories allow proper installation on Helmer Scientific freezers. Compatible with most systems.

Temperature Chart Recorders - Standard on plasma freezers, optional on other models. Chart recorder is 4" (102mm), 7-day, with inkless pressure-sensitive chart paper. Backup battery and box of 52 charts included.

Pedestal - Base elevates undercounter freezer above the floor. Includes brackets to secure unit to pedestal.

Stacking Kit - Hardware to stack two undercounter units.

Remote Alarms - Free standing, extend existing alarms to remote locations with audible and visual signals. Operational up to 3000' (914m) from cabinet. Can be connected to a central alarm system.

Customized Storage - Select from Ventilated Shelves, Ventilated Drawers, and Stainless Steel Drawers.

Storage Trays - packages include tray, rails, and dividers for organized storage.

Drawer Dividers - Polycarbonate upright or angled dividers for use in solid, pull-out drawers. One set per drawer.

Stainless Steel Interior and/or Exterior - Must be ordered as factory-installed options.

Door Style - All freezers are standard right hinged, left-hinged doors may be ordered.

Swivel, Locking Casters - 2" (50mm)

Leveling Feet - Adjust and level unit.

GX Solutions

The first professional medical-grade freezers.

For medical professionals. Only from Helmer Scientific.

Contact our sales team to learn more about the first professional medical freezers on the market, and how they can benefit your medical setting.
info.helmerinc.com/GXsolutions

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