

SALES QUOTATION

PREPARED BY LABORATORY EQUIPMENT COMPANY, AN AUTHORIZED INDEPENDENT REPRESENTATIVE FOR PANASONIC HEALTHCARE

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CUSTOMER INFORMATION

MBARI

Monterey Bay Aquarium Research Institute

Sebastian Sudek

QUOTATION NO. **LEC184,443**DATE: **August 26, 2022**PAYMENT TERMS: **Net 30 Days*** VENDOR INFORMATION: **PHC Corporation of North America*** VENDOR ADDRESS: **1300 MICHAEL DRIVE, SUITE A, WOODDALE, IL 60191*** **ATTENTION BUYER**, PLEASE ADDRESS PURCHASE ORDER TO THE FOLLOWING
VENDOR: **LABORATORY EQUIPMENT COMPANY**

PHCbi

(formerly *Panasonic Healthcare*)**MODEL | MDF-DU702VXC-PA | TwinGuard Series Ultra-Low Temperature Upright Freezer****Ultimate Sample Protection**

The dual cooling system offers the highest level of sample protection through the use of two independent refrigeration systems that maintain -86°C temperature. The two circuits work together for fast temperature recovery, while the secondary system keeps the temperature at -70°C if a service event occurs. With two independent systems, each sustaining ultra-low temperatures, your samples remain safe. Optional CO2 backup provides an extra layer of protection.

Superior Temperature Uniformity

Redundant auto-cascade refrigeration systems unique to TwinGuard Series achieve superior temperature stability during initial startup and maintain uniformity following routine door openings and throughout the steady state.

Maximized Storage Capacity for Efficient Use of Lab Floor Space

The cabinet and door insulation of TwinGuard Series ultra-low temperature freezers, are constructed using patented VIP Plus thin-profile vacuum insulation to maximize storage capacity and optimize use of floor space. This thin-wall composite insulation includes narrow-profile vacuum panel layers supported by foamed-in-place insulation. The highly efficient insulation also improves temperature stability following frequent door opening and extends warm-up times during power outages.

Intelligent Color LCD Display

Easy to read close-up or from a distance, the high contrast color LCD display allows for easy touchscreen use. The display panel includes comprehensive audible and visual warnings, unit diagnostics, running temperature log and predictive analytics. A USB port makes transferring this logged data to a PC convenient. All performance attributes are displayed and an internal time/temperature log is expressed in graphic form.

Microprocessor Controller and Alarms

TwinGuard ultra-low temperature freezers are managed by a microprocessor-based controller that combines security, monitoring, predictive performance and data logging functions into a single display with password protected menu screens.

SPECIFICATIONS:

EXTERNAL DIMENSIONS: 40.6" W x 34.7" D x 78.5" H (1030 x 882 x 1993 mm)

INTERNAL DIMENSIONS: 34.3" W x 23.6" D x 55.1" H (870 x 600 x 1400 mm)

INTERNAL DOORS: 2 insulated; ABS, with stainless steel frames and positive latches

INSULATION: Foamed-in-place and VIP Plus vacuum insulated panels: 3.1 in (80 mm)

SHELVES: Stainless steel, 3 shelves (adjustable); Load: 110 lbs (50 kg) per shelf

ACCESS PORT: 3; upper back wall, bottom left, bottom right; Inner diameter: 0.6 in (17 mm)

NET WEIGHT: 745 lbs (338 kg)

TEMPERATURE CONTROL RANGE: -50°C to -86°C in 1° increments (center of chamber, ambient temperature 30°C, no load)

ALARMS: High/low temp., power failure, door ajar, remote alarm, battery life, fan motor life, fan lock, cooling circuit abnormality

SOUND LEVEL: 52 dB(A) (background noise 20 dB(A))



LINE NO	Model Number	QTY	Description	2022 LIST PRICE	Discounted Price	EXTENDED AMOUNT
1	MDF-DU702VXC-PA	1	PHCbi -86°C Upright Freezer , Twin Guard Series - 25.7 cu. ft • Dual-Cool (2) independent refrigeration system * LCD Color Touch Control Panel * VIP PLUS Insulation • 208-230V/60Hz/single phase/15 amp breaker. (NEMA type 6-15R receptacle) • Warranty: 5 year Parts & Labor	\$ 28,122.00	\$ 17,999.00	\$ 17,999.00

REMARKS:Equipment Total **\$ 17,999.00****LEAD TIME:** Available to ship early to mid October

Estimated Freight To Dock: \$3,400.00

No Charge**FOB:** DESTINATION to Raised Dock**Plus Sales Tax****Quote Valid for 45 Days**

- Price does not include inside delivery, installation, freight, duties, insurance, taxes and fees. (If Applicable/Unless otherwise specified)
- If you qualify for tax exempt status, please supply a copy of your state resale certificate, tax exemption certificate, or other acceptable proof of tax exemption for the state to which the items will be shipped. We cannot omit sales tax from your order without a copy of your certificate.
- Upon arrival, please inspect for damage or incorrect quantity. Any damage MUST be reported **WITHIN 7 BUSINESS DAYS**

Laboratory Equipment Company | 2506 Technology Drive, Hayward, CA 94545 | **SERVING SCIENCE SINCE 1948**