

Vitrobot Quotation for

CAS Center for Excellence in Molecular Plant Sciences



Proposed Solution

Line #	Part Number	Description	QTY	USD (Tax-Free)
Vitrobot 主机				
1	1086439	<p>Vitrobot</p> <p>The Vitrobot™ (Vitrification Robot) is a fully PC-controlled device for vitrification (rapid cooling) of aqueous samples. Minimal training is required when operating the instrument for research purposes in a laboratory environment. The process of plunging, blotting and vitrification is fully automated upon placing a vial in the chamber and setting up the liquid coolant container. Operational parameters are reproducible and the result is strictly PC controlled, enabling a high throughput of vitrified samples, with an easy and straightforward control of the vitrification process.</p> <p>The parameters to be influenced are; temperature, humidity, the number of blottings and a number of critical time settings. The instrument will consistently produce excellent specimens for cryo-electron microscopy. Researchers can now rely on specimen preparation allowing the investigator to concentrate on structural studies of the specimen.</p> <p>冷冻机器人 (冷冻蛋白样品前处理装置)</p>	1	
Installation Charges for Upgrades 安装条款				
2	4022 400 00001	Installation Charges for Upgrades APR (per hour) 安装人工	8	
Shipping 运输条款				
3	4022 400 40741	CIP Brno / Named place of destination in Asia (Upgrade T-14) CIP 上海客户指定地点	1	
Sundries 随机备件与耗材				
4	1036171	C-Clip (100x) – consumable C 环	2	
5	1036173	C-Clip Ring (100x) – consumable C 环卡环	2	
6	1084591	AutoGrid Container (20x) – consumable AutoGrid 容器	2	
			<p>CIP Shanghai Price 折后优惠免税价格: USD 66,500.00</p> <p>付款方式: 发货前 100% 支付</p>	

备注:

- 本报价为美元免税优惠价格, 不包含任何可能的税费, 同时依据贵单位的要求也不包含任何外贸代理, 清关, 境内运保等费用, 价格有效期至 2023 年 09 月 30 日;
- 本价格包含 Vitrobot 主机标准的一年保修服务, 额外增加保修的价格为 \$ 9,500.00 / 年;

Solution Description

1086439 The Vitrobot™ Vitrification Robot

The Vitrobot™ (Vitrification Robot) is a fully PC-controlled device for vitrification (rapid cooling) of aqueous samples. Minimal training is required when operating the instrument for research purposes in a laboratory environment. The process of plunging, blotting and vitrification is fully automated upon placing a vial in the chamber and setting up the liquid coolant container. Operational parameters are reproducible and the result is strictly PC controlled, enabling a high throughput of vitrified samples, with an easy and straightforward control of the vitrification process. The parameters to be influenced are; temperature, humidity, the number of blottings and a number of critical time settings. The instrument will consistently produce excellent specimens for cryo-electron microscopy. Researchers can now rely on specimen preparation allowing the investigator to concentrate on structural studies of the specimen.

Instrument Control

The Vitrobot™ control software runs under the Linux operating system. Specific instrument control and operational parameters setup are done through a Graphical User Interface which is controlled through a touch screen and/or with a mechanical foot-pedal switch.

Sample Application

Small sample volumes can be applied manually through a small side port on either side of the climate chamber allowing access to a pipette. Both application time and wait time (time between application and blotting) are software controlled and can be set through the Graphical User Interface.

Blotting Device

Excess fluid is removed from the grid by (repeatedly) blotting with filter paper on rotating foam pads. Both the number of blotting actions (max. 16 times for one grid) and the duration of blotting (blot time) are software controlled and can be set through the Graphical User Interface. Longitudinal grid positioning ("blot offset") as well as the wait time between blotting and vitrification ("drain time") is user definable.

Vitrification Process

Automated shutter control allows for an instant and smooth injection of the sample grid into the container with liquid ethane and/or propane. A lift for the container brings the coolant as close as possible to the shutter to ensure optimal vitrification.

There is parallel coupling between lowering of the coolant container and the position of the frozen grid remaining inside the coolant. This minimizes any possible contamination prior to the sample transfer into a storage box or cryo holder. An anti-contamination ring that floats on top of the liquid nitrogen further prevents grid contamination during the semi-automated grid transfer from the liquid ethane towards the liquid nitrogen.

Additional Accessories

The Vitrobot is standard delivered with a foot-pedal switch, two pairs of tweezers, filter paper, an ethane container, a circular grid box and touch screen pen.

Technical specifications

Weight	31 kg
Dimensions (L x W x H)	413 x 260 x 890 mm
Power supply (voltage)	110 - 230 V @ 50 - 60 Hz
Fuse	4 AT (110 V USA) 2 AT (230 V Europe)
Power cable	90 - 250 V

Operating parameters

Working Temperature	4 - 60 °C (at an ambient temperature range between 18 - 25 °C)
	Peltier controlled heating/cooling
Relative Humidity	Optimized for operation at 90% - 100% RH (no condensation at RH < 85%)
	Ultrasonically controlled humidification



上海微纳国际贸易有限公司

Shanghai Winner International Trading CO., LTD

Quote No : GHITC-SH-MIQ-140c-20220429

Date : 07/04/2023

Your contact : 衡潘

Tel: 021-31037266

手机: 189 3004 1525

邮箱: michael@ghitcsh.com



Subject : **SPTLabtech Chameleon 全自动冷冻电镜制样系统**

ATTO TO: **中科院分子植物科学卓越创新中心**

Quotation

Dear Madam/Sir

We are pleased to send you hereafter our best commercial offer.

We wish you a good receipt of this offer and hope this will give you satisfaction.

We remain at your disposal for any further information you might need.

Shanghai Winner International Trading CO., LTD Team

No	Model	Description	Q'ty
SPTLabtech Chameleon 全自动冷冻电镜制样系统			1Set
1	Chameleon	chameleon instrument: next generation cryoEM sample preparation based on Spotiton	x1
		System controller (laptop PC)	X1
		4150-40001 self-wicking grids (copper/carbon) 50 pack	X1
		Power and comms cables	X1
		Consumables pack: 4150-07103 sample vials (100pk) 4150-07104 methanol vials (100pk) 4150-07105 ethanol vials (50pk) 4150-40006 chameleon upper dispense pads (pack of 30) 3152-40007 chameleon lower dispense pads (pack of 30)	X1

总 价		USDS680,000.00 (大写: 美元陆拾捌万美元整)		
可选耗材				
1	4150-40001	self-wicking grids (copper/carbon) 50 pack 自扩散碳膜	X1	\$1,500.00

Remarks:

- Price Term:** CIP Shanghai Airport, and in USD.
价格条款: CIP 上海机场价格, 用美元支付
- Delivery time:** Within 6 months after receipt of Contract
装运时间: 收到合同后 6 月内
- Payment Term:** 100%L/C, 90% T/T against shipment, 10% against FAC
付款方式: 100%信用证, 90%发货议付, 10%验收后议付
- Warranty:** Two Year
保修期: 两年
- Insurance:** To be covered by the Sellers for 110% of the Goods Value Against All Risks
保险: 由卖方按货物价值的 110%投保一切险
- Offer valid until :** 12/31/2023
报价有效期: 2023 年 12 月 31 日

徕卡快速冷冻投入仪GP2报价单

- 上海创弋生物科技有限公司



用户单位：中国科学院分子植物科学卓越创新中心

感谢您的惠顾，现将贵单位（公司）所需产品报价如下

一、产品、价格

货号	描述	数量
16706402	LEICA EM GP2网格投入冷冻仪	1
16706443	Punch for filter paper 滤纸冲模	1
16706440	Blotter - Whatman® No.1 filter paper 滤纸	2
9WE_EM_CLASS_D	Warranty Extension 保修延长	1
免税折扣价（美金）：70,000.00		

二、联络信息

需方信息	补充信息
联系人：张志平	备注：整机保修两年
联系电话：021-54924212	
地址：上海徐汇区枫林路300号	
电子邮箱：zpzhang@cemps.ac.cn	
传真：	
报价单编号：CY20230628-01	报价日期：2023-06-28 报价有效期至：2023-12-31
上海创弋生物科技有限公司 苏雷 18602153292 64742390@qq.com	

