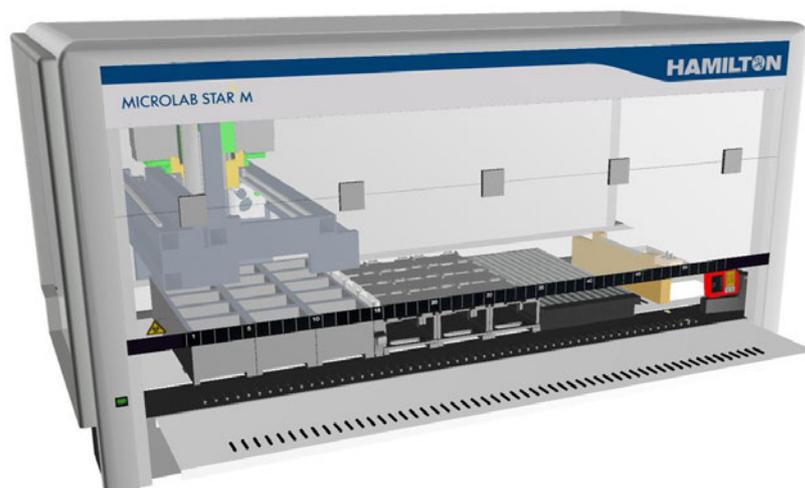


Price Indication for PHE STAR 8 x 1ml Aliquoting PCR 2020 based on the Microlab STAR Line



For [REDACTED] East of England National Infection Service, PHE, Cambridge

Contact

E-mail: J [REDACTED]

Tel.: [REDACTED]

East of England National Infection Service, PHE

[REDACTED]
Clinical Microbiology and Public Health Laboratory
CMPHL Level 6, Box 236
Addenbrooke's Hospital
CB2 0QW Cambridge
United Kingdom

Quotation Date, 08.09.2020

PHE STAR 8 x 1ml Aliquoting PCR 2020

Quotation Nr.: Q369279 PHE STAR 8 x 1ml Aliquoting PCR Set Up 2020 (37342) 080920 / 1

Dear [REDACTED]

Further to our recent discussions and your interest in our systems, I am pleased to provide you with a customized quotation for your system.

We trust that this quotation will meet your requirements. If you have any queries, please do not hesitate to contact us.

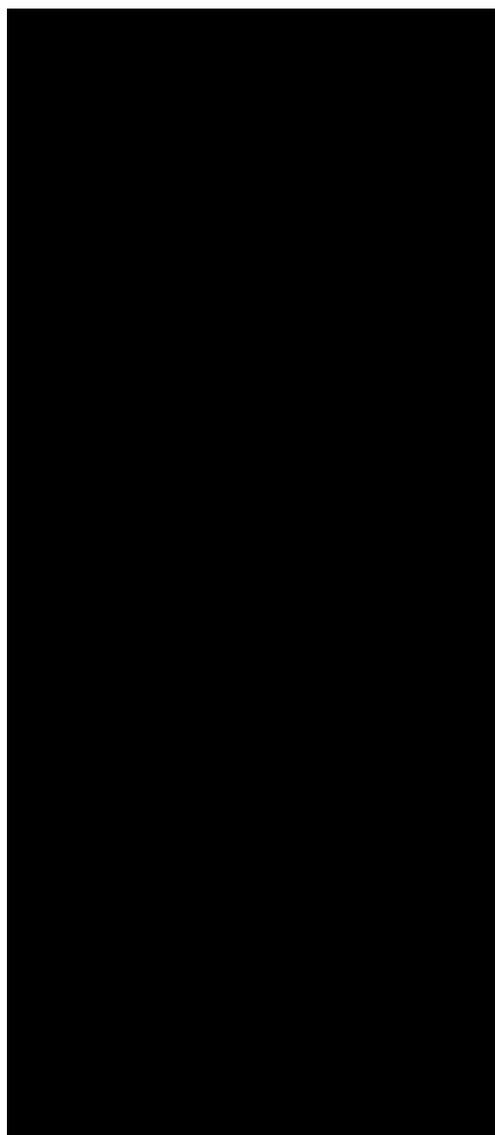
We are looking forward to collaborating with you on this project, and will contact you shortly to discuss the next phase.

Yours sincerely,

**Quotation Nr.: Q369279 PHE STAR 8 x 1ml Aliquoting PCR Set Up 2020 (37342) 080920 / 1
PHE STAR 8 x 1ml Aliquoting PCR 2020**

PHE STAR 8 x 1ml Aliquoting PCR 2020

Pos.	Qty.	Product	Part-No.	Unit Price (GBP)	Net Unit Price (GBP)	Total (GBP)
Instruments						
1	1	STAR M AUTOLOAD W <i>Full cover and Venus software included. Autoload with barcode reader. 1664x903x1006mm (WxHxD)</i>	173027-M			
2	1	Housing Kit with clear covers <i>(instead of the shaded covers)</i>	HousingKit CL			
3	1	Modular Arm for 4 / 8 / 12 Ch. / MPH <i>The Modular Pipetting Arm MPH typically contains a set of pipetting channels, which work independently. It can be equipped with: up to 12 channels with 1000µl pipetting head, up to 8 channels with 5ml pipetting head, a plate handling tool (iSWAP), a tube handling tool an imaging channel, etc. The minimum distance between two 1000µl pipetting channels is 9mm and between two 5ml pipetting it is 18mm on this arm. In addition it can hold either the CO-RE 96-Probe Head, the CO-RE 96-Probe Head TADM, or the CO-RE 384-Probe Head.</i>	173051			
4	1	8 Channels with 1000µl Pipetting Channels <i>Compatible with 10, 50, 300 and 1000 µl CO-RE tips</i>	173081			
5	1	CO-RE Gripper (1mL) set <i>CO-RE Gripper with bracket on waste block for Plate handling and plate transfer on the deck using two 1mL pipetting channels.</i>	184089			



Pos.	Qty.	Product	Part-No.	Unit Price (GBP)	Net Unit Price (GBP)	Total (GBP)
6	1	Standard PC Win10, GB <i>Windows 10 PC Dell OptiPlex XE3 Mini Tower (UK English) Intel Core i7-8700 (6 Kerne/12MB/12T/bis zu 4,6GHz/65W) 16 GB 2.666MHz DDR4 RAM 2 x 512 GB SSD, combined as RAID 18 x DVD+/-RW Optical Disk Drive NVIDIA GeForce GT 730, 2GB, FH (DP/DP) 4 Port Serial Card with cable + 1 integrated Serial Port (5 Serial Connectors) 2 x Ethernet, 1 x onboard 1 x card 1 x USB Type-C 3.1 Gen 2 5 x USB 3.1 Gen 1 4 x USB 2.0 Wide screen LED Monitor 21.5" Keyboard, country specific Mouse Mousepad HAMILTON Webcam Soundbar Software Win10 IoT Ent LTSC 2019 (Version 1809) Microsoft Office Home and Business 2019 Service 5 Yr ProSupport Plus and Next Business Day On-Site Service 5 Yr ProSupport Plus Keep Your Hard Drive 5 Yr ProSupport Plus Accidental Damage Protection Commencing on Invoice Date Note: Country-specific Mains Power Cables (for computer and monitor) are not included and have to be ordered separately.</i>	396347			
7	1	Disposal of Hamilton product (WEEE) <i>Disposal of Hamilton product in accordance to EC directive WEEE (Waste of Electrical and Electronic Equipment), Not included but on request: decontamination and preparation for shipment</i>	WEEE			
Subtotal for Instruments						
Accessories						
8	4	Set of 3x Carrier for 32 Tubes <i>Each carrier holds 32 tubes, 11x60 -14x120mm</i>	173410			
9	12	Inserts for 2.0 ml tubes <i>Set of 32 Tube Carrier inserts suitable for Eppendorf or cryovial tubes</i>	188102			
10	15	MultiFlex DWP precision module <i>Supports one DW plate or reagent container with minimal play (tight fit).</i>	188229			

Pos.	Qty.	Product	Part-No.	Unit Price (GBP)	Net Unit Price (GBP)	Total (GBP)
11	1	Reagent Carrier 5x60ml <i>Reagent Carrier, holds up to 5 Reagent troughs (P/N 194051, P/N 56694-01 or P/N 56694-02)</i>	194057			
12	3	Tip Carrier, Landscape <i>Carrier for five tip racks for all tip sizes</i>	182085			
13	3	MultiFlex Carrier Base (landscape orientation) <i>Labware carrier base for up to 5 MultiFlex modules</i>	188039			
Subtotal for Accessories						

Complimentary Software

14	1	VENUS four software <i>Microlab STAR Software VENUS four base package 4.5</i>	911264			
15	1	Dynamic Liquid Classification <i>Dynamic Liquid Classification is a software upgrade for the Microlab® STAR VENUS Software that has been designed for use in the research environment. It allows your Microlab® STAR Line liquid handling system to classify a liquid based on its pipetting behavior. This classification can be used to trigger a reaction, for example the choice of better pipetting parameters to improve precision and accuracy of pipetting or choose only a subset of liquids with distinct liquid parameters for further analysis. The software upgrade contains the following:</i>	911183			

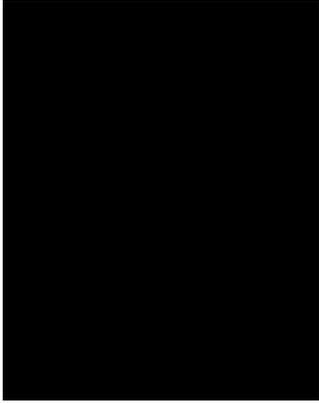
- A program to enable Microlab® STAR to record pressure curves
- Dynamic Liquid Classification main software including two predefined algorithms for pressure curve evaluation
- A library containing the Dynamic Liquid Classification specific tasks
- A predefined database for standard liquids
- A demo method for enabling the seamless integration into preexisting methods
- A method for easy integration of application specific liquids in the Dynamic Liquid Classification Database
- A program to export the recorded pressure curves

Pos.	Qty.	Product	Part-No.	Unit Price (GBP)	Net Unit Price (GBP)	Total (GBP)
16	1	<p>VENUS Dynamic Scheduler Software</p> <p><i>The VENUS Dynamic Scheduler allows you to quickly calculate, plan and run your multi-resource assays. The planning algorithm calculates the optimal use of resources (the instrument, third party components such as incubators, readers etc.) for best throughput.</i></p> <p><i>Three levels of programming are available:</i></p> <p><i>The ACTIVITY Editor: a simple, intuitive approach to the scheduling environment. Ideal for throughput calculation and system design.</i></p> <p><i>The GRAPHICAL WORKFLOW Editor: a graphically-oriented programming with intermediate flexibility. Allows easy integration from the non-scheduling environment into the powerful scheduler world.</i></p> <p><i>The ADVANCED WORKFLOW Editor: a step-wise programming approach for full flexibility. Offers the full span of VENUS options such as user inputs, Filehandling etc.</i></p>	911095	■	■	■
17	1	<p>Pipetting Performance Check</p> <p><i>The Pipetting Performance Check is a method to prove the faultless state of the ML STAR instrument based on a real pipetting with the single channels and/or the Multi Probe Head 96 TADM.</i></p> <p><i>During this check, the pressure curve of the aspiration is evaluated using the TADM (Total Aspirate and Dispense Monitoring) algorism. This allows to ensure the impeccable state of the instrument.</i></p> <p><i>The Pipetting Performance Check does not replace the validation with a balance, but gives the user a quick method (using default labware) to review the pipetting conditions of the ML STAR family instrument.</i></p>	815005	■	■	■
18	1	<p>STARWATCH_W</p> <p><i>STARwatch is a monitoring software which increases the uptime of STAR Line instruments.</i></p>	STARWATCH_W	■	■	■
19	1	<p>TADM software for ML STAR line</p> <p><i>Total Aspiration and Dispense Monitoring software, compatible with VENUS software on ML STAR line.</i></p>	911099	■	■	■

Pos.	Qty.	Product	Part-No.	Unit Price (GBP)	Net Unit Price (GBP)	Total (GBP)
20	1	VENUS ONE DATABASE PLUS 1.1 <i>With the VENUS One software the MS SQL Server Desktop Engine will be installed for a maximum data of 2 GB. Larger data requires additional a MS SQL Server Lizens (not included in the price).</i>	911122			
21	1	Teaching Needle 1000 ul, set of 8 <i>Used for teaching of labware positions, for maintenance- and for verification Procedures.</i>	182136			
Subtotal for Complimentary Software						
Complimentary						
22	1	Training (Days) <i>Training for one person for two days in Birmingham. Travel and accom. not included. One place offered as complimentary.</i>	202997SUB-16			
Subtotal for Complimentary						
Engineering & Services						
23	1	Installation (GB) <i>Installation of instruments.</i>	202997SUB-06			
24	1	Shipment Costs <i>Costs include Relayed transport, unpacking and placement on suitable benching.</i>	202997SUB-04			
25	8	Method Development (Days) <i>Carried out by qualified Hamilton Application Specialist.</i>	202997SUB-19			
Subtotal for Engineering & Services						
Total PHE STAR 8 x 1ml Aliquoting PCR 2020						

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PHE STAR 8 x 1ml Aliquoting PCR 2020

Project Summary

Pos.	Qty.	Product	Total
1	1	PHE STAR 8 x 1ml Aliquoting PCR 2020	
		Instruments	
		Accessories	
		Complimentary Software	
		Complimentary	
		Engineering & Services	
		Total PHE STAR 8 x 1ml Aliquoting PCR 2020	

List Price **139,625.00 GBP**

Special Price 

Terms & Conditions

Prices:	In Pound Sterling, excluding VAT
Payment terms:	30% on order 60% on delivery 10% on completion of final installation
Delivery:	8-10 weeks from date of order
Shipping Terms:	DDP (Incoterms 2010) - The freight and insurance costs will be charged separately.
Warranty:	12 months from Installation
Quotation validity:	30 Days

Our general terms of sale apply to this quotation.

Please place orders at orders.gb@hamilton.ch

The system provided is classified as a product for general laboratory use and not as an IVD device within the meaning of EU directive 98/79/EC ("In vitro diagnostics"). The system components are in conformity with:

- ~ EU directives 2014/30/EC ("EMC")
- ~ EU directives 2014/35/EC ("Low Voltage")
- ~ EU directives 2011/65/EC and 2015/863/EC ("RoHS").

The method programming supplied by Hamilton is to allow refinement of methods used in your laboratory and conversion into an automated format, suitable to your specific requirements on the Hamilton instrument of your choice. This comprises basic assay and liquid handling set-ups and plate transport for the assays described. The on-site training will allow you to modify these methods if required and develop new ones. It is assumed the chemical basics have been previously optimized in your laboratory.

Your relationship with Hamilton will of course continue beyond this point and we look forward to working with you. We trust that this quotation meets with your satisfaction. Please do not hesitate to contact us should you have any queries.

Yours sincerely,

Hamilton Sales & Service UK Ltd

