

Customer:

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Waters AutoPurification System

Quotation No. 22460733 - Expiration Date : 17.12.2020

General information

860841/12035392

Provider:

Waters Pacific Pte Ltd
Joanna Ang
1 Science Park Road
#02-1/06 The Capricorn
Singapore Science Park II
Singapore 117528

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Quotation

Waters AutoPurification System

Price Details in SGD

Please reference this quotation when purchase order is issued

Itn	Part No.	Description	Unit Price	Qty	Gross Price	Disc %	Net Price
Waters AutoPurification System							
With the following configuration:							
1	176003182	AutoPurification Core System w/SFO	187,200.00	1	187,200.00	-55.00%	84,240.00
2	176002670	SQD 2	205,600.00	1	205,600.00	-55.00%	92,520.00
3	176002669	Scroll Pump Option	18,200.00	1	18,200.00	-55.00%	8,190.00
4	700002741	Waters ACQUITY UPLC MS-Start-Up Solution	401.00	1	401.00	-55.00%	180.45
5	700006006	Xevo TQD Sample Kit	932.00	1	932.00	-55.00%	419.40
6	716000765	KIT, SAMPLE, AUTO-PURIFICATION INJECT-CO	427.00	1	427.00	-55.00%	192.15
7	716000261	STANDARD FRACTION LYNX	840.00	1	840.00	-55.00%	378.00
8	205000145	KIT, UV FRACTION MANAGER	4,300.00	1	4,300.00	-55.00%	1,935.00
9	176001064	FractionLynx	12,900.00	1	12,900.00	-55.00%	5,805.00
10	176001303	ML Standard PC for AutoPurification	21,800.00	1	21,800.00	-55.00%	9,810.00
11	668000273	MONITOR, Lenovo ThinkVision Flat Panel	990.00	1	990.00	-55.00%	445.50
12	186002488	WATERS PREP DEGASSER	15,000.00	1	15,000.00	-55.00%	6,750.00
13	205000115	KIT, 2767 18MM FRACTION COLLECTOR RACK	530.00	1	530.00	-55.00%	238.50
14	741000322	FRACTIONLYNX MS INSTALLATION CERT	19,600.00	1	19,600.00	-55.00%	8,820.00
15	750000307	Purif. of Compounds using FractionLynx	5,400.00	1	5,400.00	-55.00%	2,430.00
16	740002549	Maint: MassLynx S/W 2nd Yr	3,300.00	1	3,300.00	-55.00%	1,485.00
17	WAT207000	ASSY, HPLC PUMP, M515	16,200.00	1	16,200.00	-55.00%	7,290.00
18	186001371	Atlantis dC18 10µm 19 x 250mm Column	6,352.00	1	6,352.00	-40.00%	3,811.20
19	176001919	ProMass for MassLynx	7,300.00	1	7,300.00	-55.00%	3,285.00
20	205000437	Splitter, Flow, 1000:1, 8-30mL	7,000.00	1	7,000.00	-55.00%	3,150.00
Total					534,272.00		241,375.20

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Waters AutoPurification System

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Total excluding GST		241,375.20
GST	7.00 %	16,896.26
Total		258,271.46

Joanna Ang
Account Manager

William Chong
Sales Manager

Terms of Payment

CASH ON DELIVERY

Shipping Information

DDP

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Waters AutoPurification System

Optional Products

Please reference this quotation when purchase order is issued

Itm	Part No.	Description	Unit Price	Qty	Gross Price	Disc %	Net Price
21	176600010	FlexCHOICE™ Coverage for Waters AutoPurification System	56,180.00	1	56,180.00	-30.00%	39,326.00
22	186009338	Nitrogen Generator, Genius SQ24, 230V	24,900.00	1	24,900.00	-30.00%	17,430.00

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Waters AutoPurification System

Detail Product Descriptions

Item	Part No.	Description
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1	176003182	AutoPurification Core System w/SFO
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The core components of the Autopurification system allow for full automation and system capabilities. The 2545BGM is designed for analytical to prep scalability with low delay volume and high pressure mixing. 2767 offers large scale fraction collection capacity and separate analytical and prep flow paths for scalability with out compromise. The SFO provides the automation with a selector valve to direct the flow through the analytical or preparative switching valves. Three analytical and two preparative columns can be plumbed for method developement. Additionally the SFO controls upto three 515 pumps for M/S make up flow, At-Column Dilution, and or solvent modifiers. An seven port ethernet hub is integrated in the SFO. Optional system leak detection capability is contolled by the SFO. The start-up kit provides the tubings and fittings needed to plumb the system.

The following items are included as part of the core standard system:

- 186003765 System Fluidics Organizer
- 186025450 2545 Binary Gradient Module
- 200000234 KIT, STARTUP, AUTOPURIFICATION SYSTEM
- 725000299 2767 SAMPLE MANAGER

2	176002670	SQD 2
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The Waters SQ Detector 2 is a compact, bench-top quadrupole API mass spectrometer.

The system features automated set-up technology and fast acquisition capability for simple, rapid LC/MS.

The following items are included as part of the standard system:

Z SPRAY™ API interface Dual orthogonal interface for robust LC/MS IntelliStart™ fluidics...Automated tuning, calibration and method development

Electrospray (ESI) inlet probe...for efficient ionization of a wide range of compounds

ESCITM ionization capability...rapid switching source for both ESI and APCI in the same run.

TargetLynx™ Application manager (requires license as provided with PC below)

OpenLynx™ Application manager (requires license as provided with PC below)

The standard system does not include the following items, which must be specified separately:

Additional inlet probes and ion source options (detailed below).

Acquisition PC data system and monitor Additional Workstation data system terminals.

Printers.

Additional MassLynx™ options (detailed below).

Vacuum backing pump options (rotary or oil-free combinations)

HPLC systems or other inlet options.

1. Z SPRAY™ API INTERFACE

This instrument is equipped with an atmospheric pressure ionisation (API) LC interface. The source and spraying elements are visible through a transparent window in the enclosure and are easily accessible via a quick-release mechanism. The source elements may be wiped clean in situ or removed for cleaning without the need for tools and without breaking vacuum. The nebulized spray is orientated orthogonally and positioned off axis for maximum source longevity and analyser protection against 'dirty' samples. The source also includes facilities for de-clustering ions formed at atmospheric pressure. Positive and negative capability is included. Positive ion, negative ion and ESCI™ capability is available as standard (allowing rapid switching between ESI and APCI, positive and negative in the same run). All source voltages and gases are under data system control.

2. INTELLISTART™ FLUIDICS

The instrument is equipped with an on-board infusion system capable of delivering reference solutions from 2 built-in vial

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Waters AutoPurification System

Detail Product Descriptions

Itm	Part No.	Description
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locations. The on- board fluidics system is controlled by the IntelliStart software to provide automated instrument setup, mass calibration and method development. The reference solutions are delivered via switching valves for either direct or combined (into an LC flow) infusion into the API source. The valves can in addition be programmed from the software to function as an LC flow divert. If required, the fluidics can be controlled manually via the system Console.

3. VACUUM SYSTEM

Clean, differentially pumped, automated vacuum system comprising: Air- cooled Pfeiffer split flow turbomolecular drag pump evacuating both the source & analyzer. Vacuum read backs and system vent/pump cycles are digitally monitored and controlled, to provide total software control and ensure fail-safe operation in the event of power failure.

4. DETECTOR Dynolite photomultiplier detector. A High Voltage conversion dynode and phosphor are positioned at 90° off-axis to the analyzer for the elimination of neutral noise. The photomultiplier is enclosed in its own vacuum envelope for long life. The detector operates in both positive and negative ion modes, and can switch rapidly under software digital control.

5. MASSLYNX™ SOFTWARE / MS Workstation

The MS Workstation and MassLynx 4.1 License for the application software for instrument control, data acquisition and processing must be ordered separately (See MS Workstation section for part numbers and descriptions)

Post acquisition processing and general data manipulation can be carried out by an additional computer workstation and software installation (See the MassLynx Process-only Workstations section of the MassLynx Variant configurator 176706000).

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|----------|------------------|--|
| 3 | 176002669 | Scroll Pump Option |
| 4 | 700002741 | Waters ACQUITY UPLC MS-Start-Up Solution
ACQUITY / Quattro micro or Quattro Premier MS Start-up Solution Kit |
| 5 | 700006006 | Xevo TQD Sample Kit
Xevo TQD Standard Kit |
| 6 | 716000765 | KIT, SAMPLE, AUTO-PURIFICATION INJECT-CO
AutoPurification System Standard |
| 7 | 716000261 | STANDARD FRACTION LYNX |
| 8 | 205000145 | KIT, UV FRACTION MANAGER
UV Fraction Manager Kit |
| 9 | 176001064 | FractionLynx
FractionLynx v4.1 |

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Waters AutoPurification System

Detail Product Descriptions

Itm	Part No.	Description
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Includes FractionLynx Software, OpenLynx Open Access Software, and 10 FractionLynx Browser licenses for data review on workstations which do not have MassLynx installed

The FractionLynx Application Manager is a high performance software application that operates with MassLynx Software. FractionLynx automates the collection of detected fractions, tracks samples and fractions, and then presents the data in an easy-to-view format via the FractionLynx Browser. FractionLynx can trigger fractions using a variety of detector signals including UV, MS, ELSD and RI.

AutoPurify, a feature of the FractionLynx Application Manager, enables users to allow the software to:

- Automatically screen samples to determine the preparative strategy in an analytical-scale separation
- Choose an appropriate method for each sample in a batch and purify it
- Screen fractions to determine the next process step

The FractionLynx Application Manager provides a variety of collection options including:

- One-to-one mapping to retain plate format
- Secondary collection of peaks that are not of primary concern but that are not classified as waste
- Waste collection to ensure no sample material is lost

Coupling FractionLynx with the OpenLynx OALogin interface permits operation in a walk-up and walk-away environment. Through a single-page login or step-through wizard users can submit samples for purification. Results can be e-mailed to users, viewed with the FractionLynx Browser, or printed in a customized format.

The FractionLynx package includes OpenLynx Open Access and a 10-license pack for the FractionLynx Browser.

10	176001303	ML Standard PC for AutoPurification
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MassLynx™ Workstation with License

MassLynx Application Software License includes key disc for FractionLynx™

Includes GPIB card with IEEE cable

Contains the standard MS workstation as defined in the MassLynx Variant configurator 176706000 and Product Ordering Guide

11	668000273	MONITOR, Lenovo ThinkVision Flat Panel
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Monitor, Lenovo Thinkvision Flat Panel

22 inch monitor

12	186002488	WATERS PREP DEGASSER
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13	205000115	KIT, 2767 18MM FRACTION COLLECTOR RACK
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Fraction Collector 18 mm Rack Kit

14	741000322	FRACTIONLYNX MS INSTALLATION CERT
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FractionLynx MS System Installation

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Waters AutoPurification System

Detail Product Descriptions

Itm	Part No.	Description
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Includes:

- System Set up and Specification Testing
- Product Familiarization Training
- 1 Year Manufacturers Warranty
- Insight I-Assist Remote Connection

15	750000307	Purif. of Compounds using FractionLynx
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Purification of Compounds using FractionLynx

This course covers operation of the MS based Autopurification system and of the FractionLynx Application Manager. An overview of MassLynx will be provided along with a review of MS theory.

16	740002549	Maint: MassLynx S/W 2nd Yr
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Masslynx Software 2 Year Plan

MassLynx Software Maintenance Contract - Valid for 2 Years - Includes coverage according to the Waters Informatics Maintenance Plan.

17	WAT207000	ASSY, HPLC PUMP, M515
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Waters 515 HPLC Pump

18	186001371	Atlantis dC18 10µm 19 x 250mm Column
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Atlantis dC18 OBD Prep Column, 100Å, 10 µm, 19 mm X 250 mm, 1/pk

19	176001919	ProMass for MassLynx
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ProMass for MassLynx

20	205000437	Splitter, Flow, 1000:1, 8-30mL
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Flow Splitter, 8.0-30mL, 1000:1

21	176600010	FlexCHOICE™ Coverage for Waters AutoPurification System
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Seamless coverage for the 24 months

No. of Performance Maintenance Visits: 1

Service Level: Standard

Response Time: Standard

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Waters AutoPurification System

Detail Product Descriptions

Itm	Part No.	Description
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Covered Modules:

DEGASSER - DEGASSER

SFO - SYS FLUIDICS ORG

SQD2 - ACQUITY SQD 2

2545 - BGM

2767 - Injector/Collector

515 - 515 HPLC PUMP

22	186009338	Nitrogen Generator, Genius SQ24, 230V
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Waters AutoPurification System

General Sales Terms and Conditions

1. General
Waters Pacific Pte Ltd ("Seller") hereby agrees to sell the products to buy upon the terms and conditions set forth herewith. Seller shall not be bound by any standard or printed terms furnished by the Buyer in any of its documents, unless the Buyer specifically states in writing separately from such terms that it intends such terms to apply and the Seller acknowledges such notification in writing.
2. Price
 - a. Unless otherwise agreed at the time of sale, the price stated is ex-works and exclusive of Goods & Services Tax which shall be chargeable in addition upon supply of goods.
 - b. All quotations and estimates used by Seller are, unless otherwise stated, based on current costs and are subject to amendment on or after acceptance of order by Seller to meet any rise in such costs.
 - c. Any variation to prices quoted as a result of government taxes and levies will be for the Buyer's accounts.
 - d. Written quotations automatically expire 30 calendar days from the date issued and are subject to termination by notice within that period. All orders based on written quotations are subject to Seller's acceptance at its office in 1 Science Park Road #02-01 The Capricorn, Singapore Science Park II, Singapore 117528.
3. Delivery
 - a. Stock items are processed for prompt delivery. Whilst there is no minimum order value there is a minimum charge in respect of packing, handling and delivery. Details of these charges are available on request.
 - b. Notwithstanding that the Seller and the Buyer may agree to deliver the goods at some specified place the delivery of goods to a carrier for the purpose of transmission to the Buyer is deemed to be a delivery of the goods to the Buyer and risk in the goods shall pass accordingly at the moment of delivery to the carrier.
 - c. Inspection and testing and/or installation of the goods is not provided by Seller unless otherwise agreed at the time of sale.
 - d. Seller retains ownership of the goods the property in which shall not pass to Buyer and Buyer shall keep any goods delivered to it as bailee for and on behalf of Seller until Seller has received payment of the price of all the goods (whether or not the goods are delivered in instalments and some have been paid for by Buyer pursuant to these terms) and until such time the Buyer shall store the goods separately or in some other way ensure that the goods are readily identifiable as the property of Seller and at Seller's request either shall deliver up to the goods to Seller or shall permit Seller to enter Buyer's business or other premises to repossess the goods and subsequently re-sell them.
 - e. The provisions of this clause 3(d) shall survive the determination of the contract for whatever reason.
4. Payment
 - a. Payment terms are strictly Net Cash 30 days after delivery of the goods, provided Buyer's credit has been approved or specified in the quote. If the Buyer's credit had not been established with Seller, terms are payment in advance.
 - b. All payments made by Buyer shall be made without any deduction of deferment in respect of any disputes or claims whatsoever and/or in respect of any taxes imposed by or under the authority of any government or public authority.
 - c. Where Seller does not receive payment of any of its invoices within 30 days of the date thereof interest shall thereafter accrue on the sum due and owing to Seller at the rate of 2% per month calculated on a daily basis without prejudice to Seller's right to receive payment within such 30 day period.
 - d. Time for payment shall be of the essence.
5. Confidentially/Intellectual Property
 - a. Any order received by Seller will be treated as confidential and will not be disclosed or publicised to any third party for any reason without the prior written consent of Buyer. Neither shall Seller use Buyer's name or other identify for advertising or publicity purposes without Buyer's prior written consent.
 - b. The sale of the goods by Seller to Buyer does not confer any right or license upon buyer to use, exploit or otherwise utilise any intellectual property rights subsisting in or relating to the goods of which Seller is a proprietor or to which Seller is otherwise entitled.
6. Specifications
The characteristics and specifications of Seller's products are documented in Seller's technical literature and are approximately only Seller reserves the right to change product specifications without prior notice.
7. Cancellation
An order accepted by Seller may be cancelled only before delivery of the goods and only with the consent of Seller upon terms that Buyer will indemnify Seller against any loss incurred.
8. Return
In no case are products to be returned without first obtaining the consent of the Seller. Only unused products as currently manufactured which have been invoiced by the Seller within 30 days will be considered for return. Products accepted for credit are subject to a 20 per cent service charge plus all transportation charges. Products built to order or not of the original manufacturer of the Seller are not subject to return for credit under any circumstances. Products must be securely packed to reach the Seller without damaged. No returns shall be authorised after 90 days following shipment to buyer.
9. Warranty
The Products and/or services shall be covered by the applicable Waters' standard warranty, a copy of which is supplied with the Products and/or services or upon request. NO OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED, IS MADE WITH RESPECT TO THE PRODUCTS AND/OR SERVICES. WATERS EXPRESSLY EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. Any model or sample furnished to the Buyer is merely illustrative of the general types and quality of goods and does not represent that the Products will conform to Waters applicable standard warranty. WATERS SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR ANY OTHER INDIRECT DAMAGES RESULTING FROM ECONOMIC LOSS OR PROPERTY DAMAGE SUSTAINED BY BUYER FROM THE USE OF ITS PRODUCTS OR SERVICES.
10. Termination
 - a. It prior to the delivery of the goods (or any instalment thereof) Seller has reason to believe that Buyer is unable to pay its debts or if Buyer enters into liquidation (other than for the purpose of effecting a reconstruction or amalgamation) whether compulsory or voluntary or compounds with or conveys a meeting of its creditors or has a receiver appointed over all or any part of its assets or takes or suffers any similar action in consequence of a debt or ceases for any reason to carry on business, Seller may terminate the contract by notice in writing to Buyer.
 - b. Termination of the contract pursuant to Clause 10(a) shall not effect the accrued rights of the parties arising in any way out of such contract as of the date of termination.
11. Variation
Neither Seller or Buyer shall be bound by any variation, waiver of or an addition to, those terms and conditions except as agreed by both parties in writing.
12. Time
Seller will endeavour to dispatch the products on the promised delivery date but does not guarantee to do so.
13. Force Majeure
Waters shall have no liability for failure to perform or delay in performance, in the delivery of any and all equipment manufactured or sold by Waters including instruments, supplies, components, systems, chemistry, accessories, replacement spare parts, or any and all services provided by Waters, caused by circumstances beyond its reasonable control including, but not limited to, acts of God, acts of nature, floods, fire, explosions, war or military mobilisation, United States governmental action or inaction, request of governmental authority, delays of any kind in transportation or inability to obtain material or equipment, acts of other governments, strikes or labour disturbances.
14. Law
The contract shall be deemed to have been made in Singapore and the Parties to the contract hereby submit to the jurisdiction of Singapore courts. Singapore law shall be the proper law of the contract.