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ACQUITY UPLC H-Class PLUS System

Quotation No. 21821007 - Expiration Date : 11.10.2018

General information

825094/11596023

Provider:

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

ACQUITY UPLC H-Class PLUS System

Price Details in SGD

Please reference this quotation when purchase order is issued

Itm	Part No.	Description	Unit Price	Qty	Gross Price	Disc %	Net Price
ACQUITY UPLC H-Class PLUS System							
With the following configuration:							
1	176015101	ACQUITY H-Class PLUS (CH-A) Core System	94,400.00	1	94,400.00	-50.00%	47,200.00
2	176015030	ACQUITY UPLC PDA eLambda Detector	48,200.00	1	48,200.00	-50.00%	24,100.00
3	700002669	ACQUITY UPLC Absorb. Start-Up Solution	261.00	1	261.00	-50.00%	130.50
4	176015127	ACQUITY UPLC Column Heater Cooler 30cm	7,800.00	1	7,800.00	-50.00%	3,900.00
5	205001862	ACQUITY UPLC 30CM CHC TO H-CLASS	1,600.00	1	1,600.00	-50.00%	800.00
6	205001802	Kit, ACQ UPLC Column Module Switchbox	900.00	1	900.00	-50.00%	450.00
7	176002203	Empower 3 Per Single System SW 5 Users	22,000.00	1	22,000.00	-50.00%	11,000.00
8	741000104	UPLC/HPLC SYSTEM & SOFTWARE INSTALLATION	5,400.00	1	5,400.00	-50.00%	2,700.00
9	750000523	ACQ UPLC HClass Sys for Lab Practitioner	2,800.00	1	2,800.00	-50.00%	1,400.00
10	750000524	Maintenance of ACQUITY UPLC H Class Sys	1,300.00	1	1,300.00	-50.00%	650.00
11	740002894	TAW ACQUITY ELSD DETECTOR (1PM)	3,100.00	1	3,100.00	-50.00%	1,550.00
12	740003068	TAW ACQUITY eLambda DETECTOR (1PM)	3,600.00	1	3,600.00	-50.00%	1,800.00
13	740005810	TAW ACQUITY H-Class PLUS QSM (1PM)	4,500.00	1	4,500.00	-50.00%	2,250.00
14	740005825	TAW ACQUITY H-Class PLUS SM-FTN (1PM)	6,000.00	1	6,000.00	-50.00%	3,000.00
15	740000827	Maint: Empower Personal Basic 2nd Yr	3,200.00	1	3,200.00	-50.00%	1,600.00
16	176015027	ACQUITY UPLC ELSD w/Nebulizer	47,000.00	1	47,000.00	-50.00%	23,500.00
17	JWSG01234	Empower Workstation	2,200.00	1	2,200.00		2,200.00
18	740005806	TAP ACQUITY H-Class PLUS QSM (1PM)	4,300.00	1	4,300.00	-50.00%	2,150.00
19	740005821	TAP ACQUITY H-Class PLUS SM-FTN (1PM)	5,700.00	1	5,700.00	-50.00%	2,850.00
20	740003065	TAP ACQUITY eLambda DETECTOR (1PM)	3,000.00	1	3,000.00	-50.00%	1,500.00
21	740002896	TAP ACQUITY ELS DETECTOR (1PM)	2,600.00	1	2,600.00	-50.00%	1,300.00
Total					269,861.00		136,030.50

Quotation

ACQUITY UPLC H-Class PLUS System

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Total excluding GST		136,030.50
GST	7.00 %	9,522.14
Total		145,552.64

Joanna Ang
Account Manager

Julius Hiu
Sales Manager, Singapore

Terms of Payment

30 Days - document date

Quotation

ACQUITY UPLC H-Class PLUS System

Optional Products

Please reference this quotation when purchase order is issued

Itn	Part No.	Description	Unit Price	Qty	Gross Price	Disc %	Net Price
22	176003208	ACQUITY QDa Detector (Performance)	104,000.00	1	104,000.00	-50.00%	52,000.00
23	176003370	ACQUITY H-Class with QDa, Kit #4	3,700.00	1	3,700.00	-50.00%	1,850.00
24	741000472	QDa SYSTEM INSTALLATION CERT	7,100.00	1	7,100.00	-50.00%	3,550.00
25	740005034	TAW ACQUITY QDa Detector(1PM)	10,300.00	1	10,300.00	-50.00%	5,150.00
26	740005032	TAP ACQUITY QDa Detector (1PM)	9,900.00	1	9,900.00	-50.00%	4,950.00

Quotation

ACQUITY UPLC H-Class PLUS System

Detail Product Descriptions

Itm	Part No.	Description
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1	176015101	ACQUITY H-Class PLUS (CH-A) Core System
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The ACQUITY UPLC H-Class PLUS Core System includes integrated solvent, sample and single column heater (CH-A) configured for quaternary solvent delivery (QSM) and sample introduction via a direct inject sample manager (SM-FTN-H). The system's Active Pre-Heater (APH) features a new 2-piece, captive ferrule design. The system may be configured for a broad range of applications supported by UPLC optical detectors, mass spectrometers and mass detectors, with a choice of instrument control and data management software.

The following items are included as part of the ACQUITY UPLC H-Class PLUS Core System:

- # ACQUITY UPLC H-Class Quaternary Solvent Manager (QSM) PLUS
- # ACQUITY UPLC H-Class Sample Manager # Flow-Through-Needle-H (SM-FTN-H) PLUS
- # Column Heater with Active Pre-Heating (CH-A)
- # ACQUITY UPLC Solvent Tray Module
- # ACQUITY UPLC H-Class System Start Up Kit
- # Leak Sensors
- # ACQUITY UPLC BEH C18 Column, 2.1 x 50 mm, 1.7 μ m
- # ACQUITY UPLC Start-up Solution
- # Information Set
- # Vials
- # ACQUITY UPLC Systems Driver Pack DP2018R1

2	176015030	ACQUITY UPLC PDA eLambda Detector
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ACQUITY UPLC e»PDA Detector

The ACQUITY UPLC Extended Wavelength Photodiode Array (PDAe») Detector is specifically designed to compliment the ACQUITY UPLC H-Class System. With noise specifications as low as 15 μ AU, the ACQUITY UPLCPDA offers sensitivity across the full UV/Vis absorbance range, that is unmatched by any photodiode array detector on the market. Further, enhanced software control provides flexibility for simultaneous 2D and 3D operation in either Empower or MassLynx software. Detector wavelength range is 190-800 nm, with 1.2 nm spectral resolution. Detector response is linear with 5% deviation at 2.0 AU, Propylparaben at 257nm. Detector supports full three-dimensional spectral analysis or multi-wavelength operation (up to eight (8) wavelengths) under Empower Software control.

Lamp optimization software guarantees low noise performance in the visible wavelength range and compensates for lamp degradation over time to ensure consistent response. The combination of lamp optimization software and an automatic second order filter enables operation in the linear wavelength range without requiring a lamp change. The lamp is warranted for 2000 hours.

Results management features supported in Empower software include Spectrum Index Review, Spectral Contrast Peak Purity, Multi-Component Peak Purity, and Spectral Library Matching.

Ideally suited for applications that monitor low UV and Visible wavelengths

The 10mm analytical light-guided flow cell delivers sensitivity and resolution to ACQUITY UPLC applications. Low dispersion performance is achieved with a 500 nL internal volume and 62.5 μ m PEEK interconnectinlet/outlet tubing.

3	700002669	ACQUITY UPLC Absorb. Start-Up Solution
ACQUITY UPLC / UV Start Up Standards Kit		

Quotation

ACQUITY UPLC H-Class PLUS System

Detail Product Descriptions

Item	Part No.	Description
4	176015127	ACQUITY UPLC Column Heater Cooler 30cm ACQUITY UPLC 30 cm Column Heater/Cooler The Column Heater/Cooler Module controls temperature control for the range of 10°C to 65 °C. Multiple columns having dimensions up to 7.8mm I.D. and up to 300 mm length may be inserted into the unit. Note: This unit does not have active pre-heating. Requires ACQUITY 30cm CHC Compatibility Kit (205000761). Note: Please order the 205000761 kit when the 30 cm CHC is configured with a system. Note: this assembly has replaced the original p/n 186015011
5	205001862	ACQUITY UPLC 30CM CHC TO H-CLASS ACQUITY 30cm Column Heater/Cooler to Compatibility Kit The kit includes power cord and all tubing appropriate for connecting HPLC columns to ACQUITY UPLC I-Class PLUS system (or ACQUITY UPLC H-Class PLUS system) and a bracket which accommodates a common platform Sample Organizer. Note: this assembly has replaced the original p/n 176000761
6	205001802	Kit, ACQ UPLC Column Module Switchbox CHA/30 cm Column Mgr Switchbox Kit For FTN-Style injectors only. Allows CH-A and CH-30A/CHC 30cm to be connected simultaneously.
7	176002203	Empower 3 Per Single System SW 5 Users Empower 3 Personal Single System Software Includes Empower 3 Base Software DVD, Empower 3 Bookshelf CD, Empower 3 Instrument Driver (ICS) Pack, Empower 3 Default Project CD, Personal Single System Base License (enables the base software, 5 users and 1 system license), Empower 3 License Management Read Me document, Empower 3 Release Notes, (Qty 1) 2 Port Instrument Control Card (NIC), (Qty 1) 8-Port Ethernet Network Switch, (Qty 4) Ethernet cables, 1-Year Personal Software Support Plan
8	741000104	UPLC/HPLC SYSTEM & SOFTWARE INSTALLATION ACQUITY UPLC System Installation Includes: -System Set up and Performance Testing -Product Familiarization Training -1 Year Manufacturers Warranty - Insight Remote Intelligent Services

Quotation

ACQUITY UPLC H-Class PLUS System

Detail Product Descriptions

Itm	Part No.	Description
9	750000523	ACQ UPLC HClass Sys for Lab Practitioner
10	750000524	Maintenance of ACQUITY UPLC H Class Sys
11	740002894	TAW ACQUITY ELSD DETECTOR (1PM) Total Assurance Warranty ACQUITY ELSD Detector 1 Performance Maintenance Visit. Provides two years of full coverage
12	740003068	TAW ACQUITY eLambda DETECTOR (1PM) Total Assurance Warranty ACQUITY Elambda Detector 1 Performance Maintenance Visit. Provides two years of full coverage
13	740005810	TAW ACQUITY H-Class PLUS QSM (1PM)
14	740005825	TAW ACQUITY H-Class PLUS SM-FTN (1PM)
15	740000827	Maint: Empower Personal Basic 2nd Yr Waters Software Basic 2 Year Plan Personal
16	176015027	ACQUITY UPLC ELSD w/Nebulizer ACQUITY UPLC ELS Detector with Nebulizer The ACQUITY UPLC Evaporative Light Scattering (ELS) detector is designed to monitor compounds with poor or no Ultraviolet/Visible response and analytes that do not ionize well for mass spectrometry. The ELS detector is optimized for fast narrow peaks typical for UPLC separations. It comes preconfigured with a nebulizer optimized for UPLC separations, which supports performance across the entire flow rate range of the ACQUITY UPLC H-Class system. Note: The ELS Detector requires a supply of suitable grade gas, either high purity nitrogen gas or zero grade air (i.e. oil and particle free gas). The combustibility of the solvents should be considered. Gas cylinders are not recommended due to their limited capacity. Waters recommends using a gas flow of approximately 3 # 4 L/min. A constant gas supply (65 - 90 psi at the regulator) is required to operate the detector.

Quotation

ACQUITY UPLC H-Class PLUS System

Detail Product Descriptions

Item	Part No.	Description
17	JWSG01234	Empower Workstation
18	740005806	TAP ACQUITY H-Class PLUS QSM (1PM)
19	740005821	TAP ACQUITY H-Class PLUS SM-FTN (1PM)
20	740003065	TAP ACQUITY eLambda DETECTOR (1PM)
21	740002896	TAP ACQUITY ELS DETECTOR (1PM)
22	176003208	ACQUITY QDa Detector (Performance) The ACQUITY QDa Detector is a mass detector designed as a synergistic element of a chromatographic separations system. Confirm compound identity with qualitative mass spectral data, complementing quantitative optical data. Quantify compounds with no UV response or at levels not accessible by optical detection. Compact for minimized lab space requirements. Integrated flow path for reduced dispersion. Adjustment-free atmospheric pressure ionisation (API) electrospray (ES) interface for reliability. Compatible with HPLC, UPLC, SFC and UPC2 flow rates of 50 µl/min # 2 ml/min. Disposable sample orifice for minimized maintenance and maximized repeatability. Positive and negative ion switching capability for enhanced compound coverage. Tool-free maintenance. Dual off-axis ion guides for elimination of neutral noise with increased sensitivity and robustness. Automated mass calibration and resolution verification for consistent data quality. Automatically-optimized single ion recording (SIR) and full scan (FS) analysis in m/z range 30-1250 for enhanced data acquisition. Orthogonal, in-vacuum Dynolite photomultiplier detector for stability, elimination of neutral noise and longevity. Clean, differentially pumped, automated vacuum system comprising air-cooled split flow turbomolecular drag pump (TMP) and rotary vane vacuum backing pump. Fail-safe operation for unattended analysis. Autosensing 100-240 V ac ((50/60 Hz). Performance option features extended linear dynamic range and lowered limit of detection. Integrated control & data processing with Empower 3, Empower 2 & MassLynx 4.1.
23	176003370	ACQUITY H-Class with QDa, Kit #4 This system specific kit contains the start-up kit and probes needed to start-up ACQUITY UPLC H-Class System Configuration #2 in a dual stack (see the ACQUITY QDa Detector with H-Class System Configuration Guide at the end of this document). The kit contains the following components: 205001272 Kit, H-Class # QDa System Accessories, Qty 1 205000726 CH-A Swing-out Kit, Qty 1 410004908 Probe, 250mm x 100¼m, Qty 2
24	741000472	QDa SYSTEM INSTALLATION CERT

Quotation

ACQUITY UPLC H-Class PLUS System

Detail Product Descriptions

Itm	Part No.	Description
25	740005034	TAW ACQUITY QDa Detector(1PM)
26	740005032	TAP ACQUITY QDa Detector (1PM)

Quotation

ACQUITY UPLC H-Class PLUS 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. Confidentiality/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.