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Quotation for Synapt G2-Si

Quotation No. 21912120 - Expiration Date : 04.02.2019

General information

834755/10465487

Provider:

Waters Pacific Pte Ltd
Julius Hiu
1 Science Park Road
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Singapore Science Park II
Singapore 117528

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Email : Julius_Hiu@waters.com

Quotation

Quotation for Synapt G2-Si

Price Details in SGD

Please reference this quotation when purchase order is issued

Itm	Part No.	Description	Qty	Unit Price	Extended Price
SYNAPT G2-Si System					
<i>With the following configuration:</i>					
1	176003191	SYNAPT G2-Si HDMS 8K	1	877,381.00	877,381.00
2	176002756	SYNAPT G2-S Oil-Less roughing pump optio	1	29,275.00	29,275.00
3	176002662	nanoLockSpray source w/universal sprayer	1	51,085.00	51,085.00
4	176002507	NanoFlow Capability Kit	1	2,500.00	2,500.00
5	176002525	MassLynx Performance Workstation	1	22,677.00	22,677.00
6	668000419	Monitor, 27"	1	1,856.00	1,856.00
7	PGS2-STD3NH	PLGS	1	12,405.00	12,405.00
8	668000273	MONITOR, Lenovo ThinkVision Flat Panel	1	1,031.00	1,031.00
9	176001921	PGS Std Server	1	16,281.00	16,281.00
10	176002514	MS Ref Stds: SYNAPT G2-S HDMS Install	1	2,911.00	2,911.00
11	176002240	MS Ref Stds: ETD	1	1,256.00	1,256.00
12	186005588	Nitrogen Generator NM32LA 230v	1	33,425.00	33,425.00
13	741000335	Synapt HDMS Installation Certificate	1	39,622.00	39,622.00
14	750000840	5-day On-Site MS App Training w/eLearn	1	26,553.00	26,553.00
15	176003950	Analytical LC-MS Solvent Install Kit	1	2,592.00	2,592.00
16	176002506	Synapt G2-S ETD Option	1	77,676.00	77,676.00
17	176003433	Progenesis QIP - Single User	1	63,200.00	63,200.00
18	740005084	MAINT -Progenesis QI for Proteomics	1	12,100.00	12,100.00
19	176001068	MaxEnt 1 v4.1	1	17,444.00	17,444.00
Total					1,291,270.00

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System Discount	45.00 %	-581,071.50
Total excluding GST		710,198.50
GST	7.00 %	49,713.90
Total		759,912.40

Julius Hiu
Sales Manager, Singapore

Mathieu Laouenan
General Manager - SEA & Australasia

Terms of Payment

30 Days - document date

Special Information

1. Trade-in Credit for trading in existing Synapt G1 system would allow for 50% discount off new Synapt purchase.

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Detail Product Descriptions

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1	176003191	SYNAPT G2-Si HDMS 8K
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SYNAPT G2-Si provides resolution in three dimensions. Chromatography. Mobility. Mass.

When mass resolution and chromatography are not enough, high-efficiency T-Wave ion mobility gives you an additional dimension of separation, based on molecular size and shape. That's the power of molecular collision cross section (CCS) and SYNAPT High Definition Mass Spectrometry. SYNAPT G2-Si delivers a third dimension to your analysis, proven to transform your analytical perspective whatever the application:

Information. SYNAPT G2-Si uses high efficiency T-Wave ion mobility to significantly enhance the peak capacity, specificity and sensitivity of your analysis.

Informatics. SYNAPT G2-Si combines T-Wave ion mobility with innovative software to transform your targeted and untargeted workflows.

Impact. SYNAPT G2-Si provides a unique discovery advantage today, and the greatest potential to meet your future needs.

Please Note that all orders require either the Lockspray (176001751) or nanoLockspray (176001752) source to be ordered.

The SYNAPT G2-Si HDMS system can operate in two modes;

TOF mode

HDMS mode

The SYNAPT G2-Si HDMS system is comprised the following components;

Atmospheric pressure ionization interface.

Cone gas facility for chemical noise reduction.

Intellistart sample fluidics with a flow rate of 0-400 microlitres / minute.

The API interface requires either the LockSpray (176001751) or nanoLockSpray (176001752) source options to be ordered separately.

The source spraying elements are visible through an easily removable enclosure; and may be wiped clean in situ or removed for cleaning without breaking vacuum. The nebulized spray is orientated orthogonally and positioned off axis for maximum source longevity and analyzer protection against 'dirty' samples. The source also includes facilities for de-clustering ions formed at atmospheric pressure. Positive and negative ion capability is included. All source voltages are under data system control.

The standard instrument when configured with a LockSpray source (176001751) has a dual electrospray inlet, which is used to supply a reference compound separately from the analyte spray; selection between the sprays is achieved via a rotating baffle located in front of the sample cone. This avoids problems associated with post column addition of a reference compound such as ionization suppression, mass interference and solvent gradient effects.

The LockSpray source comprises:

ESI probe

Modular LockSpray source housing

ESI reference sprayer and rotating baffle

Control electronics are incorporated within the instrument

ESCI ionization capability is also included as standard, allowing both ESI and APCI to be performed, during one experiment, with the same source.

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Detail Product Descriptions

Itm	Part No.	Description
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The standard instrument when configured with a nanoLockSpray source (176001752) has a dual nanospray inlet, which is used to supply a reference compound separately from the analyte spray; selection between the sprays is achieved via a rotating baffle located in front of the sample cone. This avoids problems associated with post column addition of a reference compound such as ionization suppression, mass interference and solvent gradient effects.

The nanoLockSpray source comprises:

Universal NanoFlow Sprayer probe

Camera for visualization of nanoLockSpray on the Acquisition PC

Reference sprayer and rotating baffle

Control electronics are incorporated within the instrument

This option will require the nanoflow capability kit to be ordered.

This option should be ordered with a nanoACQUITY UPLC system

MALDI Source Option (176003193)

The MALDI SYNAPT G2-Si HDMS System is available with three quadrupole options. It is important to select the correct quadrupole option that best meets the user's requirements, as it will not be possible to change the quadrupole selection after the instrument has been assembled.

StepWave ION TRANSFER OPTICS

This instrument is equipped with patented, off-axis StepWave" ion transfer optics. Uniquely the StepWave technology both dramatically increases the efficiency of ion transfer from the ion source to the quadrupole MS analyser at the same time as efficiently eliminating undesirable neutral contaminants. The technology employed allows SYNAPT G2-Si to deliver unprecedented levels of sensitivity for detection and quantification of compounds at significantly lower concentrations than previously possible.

Quadrupole analyzer

The SYNAPT G2-S HDMS System is available with three quadrupole options. It is important to select the quadrupole option that best meets the user's requirements, as it will not be possible to change the quadrupole selection after the instrument has been assembled.

Option A/ 4kDa

Part number, 176003190

20 to 4000m/z resolving mode

20 to 16,000 m/z non-resolving mode

Comment

Optimized performance up to 4kDa, recommended for #smallmolecule#, non-MALDI use where MS/MS selection above 4kDa is not required

Option B/ 8kDa

Part number, 176003191

20 to 8000m/z resolving mode

20 to 30,000 m/z non-resolving mode

Comment

This option permits selection of ions up to 8kDa for MS/MS and therefore may be useful in MALDI mode of operation. Also permits transmission of ions up to approximately 30,000 m/z in the MS mode. Lower performance up to 4kDa compared to option A.

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Detail Product Descriptions

Item	Part No.	Description
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Option C/ 32kDa

Part number, 176003192

Comment

Specific configuration for users wishing to perform non-covalent interactions that involves the selection of high m/z ions for MS/MS analysis. Please note, in the majority of instances, quadrupole option B will be the preferred choice for general non-covalent interaction studies. Contact the SYNAPT product manager before selecting this option.

programmable Dynamic Range Enhancement (pDRE) (Tof mode only)

The programmable dynamic range enhancement feature of the SYNAPT G2-S is enabled by the pDRE lens, situated in front of the T-WAVE collision cell. pDRE increases the dynamic range of the instrument up to five orders of magnitude in certain modes of operation.

Triwave Technology

The Triwave cell is the enabling technology of the SYNAPT G2-Si HDMS system and can be operated in two modes; TOF mode (IMS disabled) and HDMS Mode (IMS enabled).

It is comprised of three main components;

TRAP T-Wave

TOF Mode # Can operate in two modes; 1) the efficient transfer (not trapping) of ions from the quadrupole to the IMS T-Wave, 2) can additionally be operated as a collision cell.

HDMS Mode # Can be operated in two modes; 1) Ensures high-efficiency IMS by trapping, accumulating and releasing ions prior to ion mobility separation, 2) can additionally be operated as a collision cell.

IMS T-Wave;

TOF Mode # Provides efficient transfer of ions from the TRAP T-Wave to the TRANSFER T-Wave.

IMS T-Wave incorporates a Helium cell which balances N2 pressure in main cell, minimizing scattering/fragmentation of ions on entry into the mobility cell.

HDMS Mode - Provides reproducible separation of ions based on their ion mobility, and transfer of the separated ion packets to the TRANSFER T-Wave

TRANSFER T-Wave;

TOF Mode # Can operate in two modes; 1) the efficient transfer of ions from the IMS T-Wave to the oa- ToF analyzer for mass analysis, 2) can additionally be operated as a collision cell.

HDMS Mode # Can be operated in two modes; 1) the efficient transfer of IMS separated packets of ions to the oa-TOF analyzer for mass analysis, 2) can also operate as a collision cell.

HDMS Mode functionality

Separation of ions based on their ion mobility (size, shape and charge)

Pre IMS (TRAP T-Wave) and post IMS (TRANSFER T-Wave) fragmentation

Wideband Enhancement (previously known as HDC) for extended detection limits

Drift Time measurements

Record drift times between 33µs and 90 ms

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Control of ion mobility separation
Control of IMS T-Wave height and velocity over linear ramps and user defined programs
Mobility (IMS) gas pressure control from ~10⁻⁴ mBar to 3 mBar (nitrogen)
Provision for multiple ion mobility separation gas types
Automated control of ion mobility conditions for routine operation.
Comprehensive manual control of ion mobility and Triwave operation for research use.

QuanTof - Orthogonal acceleration time-of-flight mass spectrometer
Orthogonal acceleration time-of-flight mass spectrometer for MS and MS/MS data acquisition. Comprising:

QuanTof", which combines a high field pusher and a dual stage high precision reflectron design with a novel ion detection system in an optimised, folded, TOF geometry. QuanTof's highfield pusher and dual-stage reflectron, incorporating high transmission parallel wire grids, reduce ion turnaround times due to pre-push kinetic energy spread and improve focussing of high energy ions respectively. The innovative ion detection system combines an ultra-fast electron multiplier and hybrid ADC detector electronics.

There are four resolution modes available; Sensitivity (10,000FWHM), Resolution (20,000FWHM), High Resolution (40,000FWHM) and Enhanced Resolution (50,000 FWHM) modes. The Sensitivity and Resolution modes are essentially achieved by a single pass (in #V# geometry with varying tuning parameters) through the ToF ion optics whereas the additional ion mirror between the detector and the pusher allows a second round trip of the TOF for High Resolution and Enhanced Resolution modes (in #W# geometry). Switching between a single pass #V" mode and dualpass #W" mode is achieved by selecting the appropriate icon in the tune software.

Vacuum system

The internal structure of the instrument consists of six differentially pumped regions;

Source

T-Wave Ion Guide

Quadrupole

Triwave under vacuum

Transport

ToF

Each of these volumes will be pumped by a turbo pump which are backed by a dual backing pump system # available as oil (wet) or oil-free (dry) pump options. The first ion block is pumped directly by the backing pumps.

Compressed Gas

Caution:

A continuous compressed gas supply is a mandatory requirement prior to the instrument installation and must be provided by the customer. A suitable air compressor can be purchased from Waters; contact your local Waters sales representative for further details.

Please check the SYNAPT G2-S site preparation guide for more details.

MASSLYNX SOFTWARE

The MassLynx workstation and software for instrument control, data acquisition and processing must be ordered separately (See MassLynx Acquisition System Options 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). The system will also be configured with mobility environment software which will permit the visualization and manipulation of multi -dimensional data.

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Detail Product Descriptions

Item	Part No.	Description
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Inlet control
HPLC and UPLC control (specific systems only - see accessory list)
HPLC / UPLC Autosampler control (specific autosamplers only - see accessory list)
Analogue input: Interfacing of up to four ancillary LC detectors (UV, RI) to MassLynx data system.
External contact start/stop

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

Additional inlet probes and ion source options
MassLynx Acquisition Software PC data system and monitor.
Additional Workstation data system terminals
Printers
Additional MassLynx" options

2	176002756	SYNAPT G2-S Oil-Less roughing pump optio
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3	176002662	nanoLockSpray source w/universal sprayer
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nanoLockSpray source w/universal sprayer

This is a dual nanospray inlet, which is able to supply a reference compound separately from the analyte spray; selection between the sprays is achieved via an indexed rotating baffle located in front of the sample cone. This avoids problems associated with post column addition of a reference compound such as ionisation suppression, mass interference and solvent gradient effects.

The nanoLockSpray source comes complete with the Universal NanoFlow sprayer and camera for visualisation of nanoLockSpray on the acquisition PC.

4	176002507	NanoFlow Capability Kit
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NanoFlow Capability Kit

Idex flow controller for all nanoFlow applications.

Note: This kit is required for use with the nanoLockspray and Trizaic source options.

5	176002525	MassLynx Performance Workstation
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MassLynx Application Software License and License for OpenLynx"

MassLynx OpenLynx

Summary reports for groups of samples. OpenLynx methods may be configured to include:

1) Analytes found/not found. 2) Purity, 3) Chromatograms, 4) Spectra. OpenLynx reports are portable and may be viewed (read-only) with optional Browser utility without MassLynx software.

MassLynx 4.1 Security

Not available.

Mass Spectrometer Control Software

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Detail Product Descriptions

Item Part No. Description

Lenovo ThinkStation P710 Series with Windows 7 Professional 64

Processor: 2x Intel® Xeon® E5-2637 v4 Processor (3,5GHz 4c); Operating system: Windows 7 Professional 64 - bit (US English); Form factor: Tower 4x6 Mechanical; Motherboard: P710 - TPM Enabled; Total memory: 64 GB; Video adapter: NVIDIA K620 (2GB DP), DP -To - DPI Video Converter; Audio adapter: Integrated Audio; RAID: Internal RAID - Not Enabled; Flash - 2x 512GB Hard drive: 2x 4TB SATA 2.5" Hard Drive - 7200 rpm, 1x 6TB 2.5" Hard Drive - 7200 rpm; First optical device bay: Lenovo 16x DVD +/- RW Dual Layer (Windows 7); Networking: Integrated Ethernet 10/100/1000, 1x Intel i350-t2 Ethernet 10/100/1000; Keyboard: Lenovo USB Preferred Pro Full Size Keyboard - US Euro; Pointing device: Lenovo Optical Wheel Mouse - USB Primax 400 DPI; Line Cord: US; Language Pack: English; System Warranty: Non-Return HDD - 4 Year Warranty US/EMEA/AP, Four year on-site warranty (parts and labour); Monitor: None; Printer: None

6 668000419 Monitor, 27"

7 PGS2-STD3NH PLGS

PLGS

Overview

PLGS 2.4 is one of the three enabling technologies that together comprise the Identity High Definition Proteomics" system

Leverages the quality of the data acquired by scientists using UPLC MSE exact mass acquisition for quantitative and qualitative label-free proteomics, returning more proteins hits.

Presents results in a format more easily explained and understood than current probability-based scoring schemes.

Processing

Incorporates algorithms to perform relative quantitation of isotopically labelled samples.

When used with electrospray MS/MS data, the software allows automatic interpretation of data by means of a hierarchical strategy incorporating any of the following routines: databank searching, post translational modification assignment and amino acid substitution (AutoMod), automated #batch# de novo sequencing (MassSeq), sequence homology searching (BLAST).

Reporting

The software incorporates a fully customizable report generation and printing capability.

Management

Sample and project management, acquisition and processing automation software for MALDI and electrospray (MS/MS) instruments for protein identification and peptide characterization.

Project management tools allow samples to be catalogued and tracked through to data interpretation where they are annotated with the predicted protein identity.

Mascot

Queries may be sent directly to, and results received from, a Mascot server. All results will be displayed alongside results received from the PLGS search engine.

Databases

Databanks of proteins in FASTA or Swiss-Prot format may be automatically downloaded, updated and indexed using the Database Administrator tool.

A license fee is payable for the Swiss-Prot database(www.expasy.ch). This license is not sold by Waters.

Exporting

All data are marked up in XML format.

Peak lists may be output to 3rd party search engines.

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Detail Product Descriptions

Item	Part No.	Description
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Workstation

The high volume of data requires that database searching be performed on a separate hardware platform. The software is multi-threaded and is suitable for use on multi-processor systems. Clusters are not supported.

Operating systems

Windows XP Professional SP3, Windows Vista 64 Business Licenses

One (1) server license & one (1) client license included

Additional software

BioLynx (176001062), MaxEnt 3 (176001070) & MassSeq (667002641) included MS

Synapt G2 MS & HDMS, SYNAPT MS & HDMS, Xevo G2 QToF MS, Xevo QToF MS, QTOF Premier, QToF 2, QToF micro, QToF Ultima, including those equipped with a MALDI interface.

8	668000273	MONITOR, Lenovo ThinkVision Flat Panel
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Monitor, Lenovo Thinkvision Flat Panel

22 inch monitor

9	176001921	PGS Std Server
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Lenovo ThinkStation C30 with Windows 7 Professional 64

Processor: Dual (2x) Intel® Xeon® E5-2620 Processor (2.0GHz 6c); Operating system: Windows 7 Professional 64 - bit (US English); Form factor: Tower 4x6 Mechanical; Motherboard: C30 - TPM Enabled; Total memory: 64 GB ECC PC3 UDIMM 1333MHZ (8 x 8GB); Video adapter: NVIDIA Quadro 2000 (1GB DVI+DP), DVI -To - VGA Video Converter; GPU: NVIDIA Tesla C2075; Audio adapter: Integrated Audio; RAID: Internal RAID 0; First hard drive bay: 2TB SATA 3.5" Hard Drive - 7200 rpm; Second hard drive bay: 2TB SATA 3.5" Hard Drive - 7200 rpm; Third hard drive bay: 2TB SATA 3.5" Hard Drive - 7200 rpm; First optical device bay: Lenovo 16x DVD +/- RW Dual Layer (Windows 7); Networking: Dual Integrated Ethernet 10/100/1000; Keyboard: Lenovo USB Preferred Pro Full Size Keyboard - US Euro; Pointing device: Lenovo Optical Wheel Mouse - USB Primax 400 DPI; Line Cord: US; Language Pack: English; System Warranty: Non-Return HDD - 3 Year Warranty US/EMEA/AP, Three year on-site warranty (parts and labour); Monitor: None; Printer: None; includes MassLynx supplemental Licence.

10	176002514	MS Ref Stds: SYNAPT G2-S HDMS Install
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11	176002240	MS Ref Stds: ETD
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12	186005588	Nitrogen Generator NM32LA 230v
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Nitrogen Generator NM32LA 230v

The Peak Scientific NM32LA is a self-contained Nitrogen Generator with built-in Air Compressor. No additional equipment is required. Quiet in operation, the NM32LA utilizes membrane technology to selectively remove oxygen, moisture and other gases to leave clean, dry, phthalate free nitrogen.

Note this option will only run a single Mass Spectrometer.

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13	741000335	Synapt HDMS Installation Certificate
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Synapt G2-S HDMS Installation Certificate

Includes:

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

14	750000840	5-day On-Site MS App Training w/eLearn
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15	176003950	Analytical LC-MS Solvent Install Kit
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Analytical LC-MS Solvent Install Kit

The Analytical LC-MS Solvent Install Kit is intended to assist in effectively installing new LC-MS systems by minimizing sources of possible contamination. This kit includes the LC-MS Grade Solvent Kit (186008715) as well as the Waters Certified Container Kit (186007088). Additional kit components also include a formic acid additive, aqueous ammonia additive and nitrile gloves.

Note: Because this is a hazardous material and GHS requirements vary from country to country, Waters Corporation is only able to ship this item to specific countries worldwide. If the destination for this order (i.e. the ship to country) is changed to a non-permitted country at any point after this quote was generated, this item will be excluded from the final order.

16	176002506	Synapt G2-S ETD Option
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SYNAPT G2-S ETD Option

The ETD option for SYNAPT G2-S-Sprovides the ability to perform electron transfer dissociation on all SYNAPT G2-S systems. ETD on the SYNAPT G2-S provides a complementary method to collision induced dissociation (CID) and provides a method to increase structural information from intact proteins and peptides with post translational modifications (phosphopeptides, glycopeptides).

17	176003433	Progenesis QIP - Single User
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18	740005084	MAINT -Progenesis QI for Proteomics
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Detail Product Descriptions

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19	176001068	MaxEnt 1 v4.1
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MaxEnt 1 v4.1

Deconvolution of multiply charged MS data to the zero charge state MaxEnt 1 is a proprietary software tool for the deconvolution of multiply charged electro-spray spectra with enhancement of spectral resolution and signal to noise. Complex biopolymer mass spectra, containing molecular ions in a related series of charge states are re-plotted into a homogenous (virtual $Z = 0$) charge state representation. The power of probabilistic techniques allows the inference of a single molecular mass peak from a series of multiply charged m/z peaks in the raw data. The inference improves resolution and also enhances signal to noise. MaxEnt1 is optimized for high mass species.

MaxEnt automatically finds the molecular weights of the components in a protein mixture without any knowledge other than that they lay within a specified mass range. This can be large e.g. 5-100kDa.

The reconstructed MaxEnt spectrum exhibits enhanced resolution and signal to-noise ratio. The reliability of the result can be assessed by probabilistic methods. Thus a probable error range can be calculated for each mass.

MaxEnt data are as quantitative as any ES-MS data. The areas under the peaks in the MaxEnt profile spectrum are representative of the summed intensities of each component's multiply-charged series in the original M/z data.

MaxEnt retains the mass accuracy given by Transform on components that are adequately resolved in the original data.

In addition, because of its ability to reveal resolution of peaks which is not apparent in the raw data, MaxEnt allows the mass measurement of components which were previously too poorly resolved for mass measurement in the transformed spectrum. (Requires 176001087 in USA)

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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 it's 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 personate 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.