



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

产品样册 ▶

创新通恒科技





Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

Company Introduction

公司简介

北京创新通恒科技有限公司是一家专业从事液相色谱仪研制、开发、生产及销售的高科技术股份制公司。公司生产工厂位于北京市海淀区，紧邻上地高科技信息产业基地。公司的主要目标是致力于开发用于分析和制备需求的色谱仪、物质纯化设备。

北京创新通恒科技有限公司从2000年进入色谱领域，并逐渐开发出具有自己特色的产品系列，并在用户的使用当中，受到一致好评。于2001年通过ISO9000质量认证体系。公司所有产品均通过国家技术质量监督管理局的相关认证，获得CMC许可。主导产品获得07、08年中国仪器仪表行业协会颁发的自主创新金奖。

现在，公司总部员工53人，其中博士生、硕士生占31%。这些高起点的员工主要负责产品的研发、生产、销售和售后服务以及应用支持。

公司的主导产品目前有分析高效液相系统、制备高效液相系统、动态轴向压缩系统、常规、特型制备色谱柱、大型工业化制备色谱系统以及液相色谱仪的附件、备件等。其中，以800DACP系统为代表的大型纯化分离设备的正式投入使用，是我国在工业化色谱领域中走进世界前列的明显标志。

为保证公司的产品质量，公司斥重资购进进口检测设备，如用于检测波长的美国海洋公司的光纤光谱仪；用于检测流速准确性的质量流量计以及用于检测机械加工件精度的德国霍夫曼公司的测高仪和QUADRACHECK 200型显微测量仪等。这些高档检测设备加上公司内部严格的管理制度，保证了产品质量的稳定性和可靠性。

公司广纳人才，近年来引进了4名博士生加盟研发队伍；始终贯彻以液相色谱技术为核心技术进行产品研发，引进3名MBA从事公司的管理和市场营销。公司内部所有员工都经过严格培训、考核后才能上岗。公司用人采取优胜劣汰制，有能力的员工迅速成为公司各部门的核心，确保公司以稳健的步伐逐年呈上升的态势。更好的为客户服务。

cGMP工业化生产型制备液相色谱系统

cGMP INDUSTRIAL PRODUCTION PREPARATIVE HPLC SYSTEM

系统总体介绍

以800DAC系统为代表的大型纯化分离设备的正式投入使用，是我公司在工业化色谱领域中走进世界前列的明显标志。800DAC采用了防爆设计、集成化设计、智能化操作设计、温度控制设计，可以手动操作，也可以通过电脑远程控制。并附加了活塞及柱底法兰拆卸与安装系统，更加人性化。系统包括800mmDAC柱子系统、输液系统、进样系统、馏分收集系统、匀浆辅助系统、检测及电气控制系统、软件系统。具有：正常工作、进样、反冲、冲洗、装柱、排气泡等模式。并可以根据客户需求进行相应的改变。国际领先的大流量高压柱塞泵设计，专业的动态轴向压缩制备柱设计。控制软件的二次开发基于clarity平台，符合FDA CFR21 Part11章节相关要求。具有分级管理、历史纪录查询、数据追踪和电子签名等功能。符合cGMP要求，提供全套IQ/OQ认证文件。

System Introduction

Our 800DAC systems are put into use on the customer's site. It is the significant indicator that we step in the world front rank of industrial preparative HPLC system.

The design of 800DAC system includes explosion proof、integration、intelligent operation、temperature control and etc. It can operate manually or automatically by the PC. The humanity design also includes the disassembly and installation system of column piston and flanges.

The whole 800DAC system includes the DAC column、system control system、solvent delivery system、injection system、slurry system、detection system、fraction system and chromatography software. It has many different kinds of working modes. Such as : injection、degassing、back flush、packing、eluting and etc. This kind of system also can be customized on demands.

International level large flow rate high pressure piston pump design, professional dynamic axial compression column design.

Chromatography software is developed from clarity, compliant with FDA 21 CFR part 11. Its performance includes user access、chromatography history、audit trails、electric signature and etc.

Full compliant with cGMP and IQ/OQ certification documents.

技术参数

泵的流速范围：10L/min---85L/min
泵的工作模式：单泵、低压梯度或高压梯度
泵的工作压力：10MPa 检测器检测波长：190-700nm
制备柱：ID300mm---ID800mm、动态轴向压缩制备柱、316L
进样方式：进样泵 色谱工作站：CXTH-CLARITY 收集：自动切换阀

SPECIFICATIONS

Pump Flow Rate Range : 10L/min---85L/min
Pump Work Mode : isocratic、low pressure gradient or high pressure gradient
Pump Work Pressure : 10MPa
UV Detector Wavelength : 190-700nm
PreparativeColumn : ID300mm---ID800mm、dynamic axial compression column、316L
Injection : injection pump
Chromatography Software : CXTH-CLARITY
Fraction : automatic switching valve

cGMP工业化生产型制备液相色谱系统

cGMP INDUSTRIAL PRODUCTION PREPARATIVE HPLC SYSTEM

制备色谱和工业制备



推荐系统

800DAC系统

Recommendation : 800DAC systems

制备色谱和工业制备



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Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

普及型分析等度系统

POPULAR ISOCRATIC ANALYTICAL HPLC SYSTEM



推荐配置 RECOMMENDED CONFIGURATION

整套系统由高压输液泵、检测器、进样阀、溶剂托盘、色谱柱、工作站软件等组成；安装、调校及使用都非常简单。本套系统运行可靠，操作方便，能够胜任常规实验室的一般使用要求。

配置说明：

序号	订货号	说明	数量
1	L.F.P3000	P3000 型高压输液泵, 10ml 泵头	1
2	L.F.UV3000	UV3000 型紫外/可见分光检测器, 分析用流通池	1
3	LIINDEX.001	Rheodyne 7725i 手动进样阀 (20μl定量环)	1
4	A.G.103	CXTH-3000 色谱工作站软件	1
5	A.O.007	色谱柱 C18, 250x4.6, 10μm	1
6	A.S.001	分析用启动工具包	1
7	L.F.R3000	溶剂托盘	1
8		其他*	

备注：

* 在初次使用高效液相色谱仪的场合，还推荐购置溶剂过滤器、真空抽气泵、超声波、稳压电源等设备

This isocratic system consists of a high pressure solvent delivery pump, an UV/VIS detector, a manual injection valve, and solvent tray, a column and a Chromatography Workstation. The system includes high pressure pump, UV detector, injection valve, column and chromatography software. It is very simple for the users to install and operate this system. This system is very popular in normal lab now.

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P3000	P3000 HPLC pump, 10ml pump head SST	1
2	L.F.UV3000	UV3000 UV-VIS Spectral photometer with analytical flow cell	1
3	LIINDEX.001	Rheodyne 7725i manual injection valve(20l sample) loop	1
4	A.G.103	CXTH-3000 Chromatography workstation	1
5	A.O.007	Column C18 250x4.6, 10 μm	1
6	A.S.001	Start-up kit, analytical	1
7	L.F.R3000	Solvent tray	1
8		Accessories required*	

Note:

* For customers of first using HPLC, it's recommended to equipped with solvent filter, ultrasonic cleaner, AC regulated power supply.



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

二元高压梯度系统

BINARY HIGH PRESSURE GRADIENT SYSTEM



推荐配置 RECOMMENDED CONFIGURATION

先进的泵驱动系统，使得泵的性能更好，精度更高，稳定性更好，采用高效的电子脉动抑制技术，脉动降低到最小的程度。紫外检测器的波长精度和稳定性也大幅度提高。这使得系统可以满足大部分高级用户的需求。

配置说明：

序号	订货号	说明	数量
1	L.F.P004	P3000 型高压输液泵，10ml泵头	2
2	L.F.P006	UV 3000 型紫外/可见分光检测器	1
3	L.IDEX.001	Rheodyne 手动进样阀（20ul定量环）	1
4	A.G.103	CXTH3000 色谱工作站软件	1
5	A.O.007	色谱柱 C18, 250x4.6, 10um	1
6	A.S.001	分析用启动工具包	1
7	L.F.R3000	溶剂托盘及溶剂瓶	1
8	I.K.P.A0285	静态混合器（混合体积可调）	1
9		其他*	

备注：

* 在初次使用高效液相色谱仪的场合，还推荐购置溶剂过滤器、超声波、稳压电源等设备

*The pump can work better now by using upgraded pump drive system and electric pulsation suppression technology.
The detector also can work well now with better wavelength precision and stability. This system is suitable for the customers who want to deal with more complicated samples.*

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P004	P3000 HPLC pump, 10ml pump head SST	2
2	L.F.P006	UV3000 UV-VIS Spectral photometer with analytical flow cell 1	1
3	L.IDEX.001	Rheodyne manual injection valve(20ul sample loop)	1
4	A.G.103	CXTH-3000 Chromatography workstation	1
5	A.O.007	Column C18, 250x4.6, 10 μm	1
6	A.S.001	Start-up kit, analytical	1
7	L.F.R3000	Solvent tray	1
8	I.K.P.A0285	Static Mixer (Mixing volume adjustable)	1
9		Accessories required*	

Note:

* For customers of first using HPLC, it's recommended to equipped with solvent filter, ultrasonic cleaner, AC regulated power supply.



推荐配置 RECOMMENDED CONFIGURATION

新型模具机箱液相色谱系统，不仅外观更漂亮，而且性能也有了大幅提高。对于用户要求的日益提高，这套系统可以更好的满足他们的需求。还可以配置冲洗泵，满足更苛刻要求的用户的需求。

配置说明：

序号	订货号	说明	数量
1	L.F.P3000	P3000 型高压输液泵, 10ml 泵头	1
2	L.F.UV3010	UV3000 型紫外/可见分光检测器, 分析用流通池	1
3	LIDEX.001	Rheodyne 7725i 手动进样阀 (20μl定量环)	1
4	A.G.103	CXTH-3000 色谱工作站软件	1
5	A.O.007	色谱柱 C18, 250x4.6, 10μm	1
6	A.S.001	分析用启动工具包	1
7	L.F.R3010	冲洗泵+溶剂托盘	1
8		其他*	

备注：

* 在初次使用高效液相色谱仪的场合，还推荐购置溶剂过滤器、真空抽气泵、超声波、稳压电源等设备

New Design mould system will have not only beautiful looking but also better performance.

This system can meet the higher requirement of the customer.

It also can meet the severe demands of the customer by equipping with flushing pump.

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P3000	P3000 HPLC pump, 10ml pump head SST	1
2	L.F.UV3010	UV3000 UV-VIS Spectral photometer with analytical flow cell	1
3	LIDEX.001	Rheodyne 7725i manual injection valve(20l sample) loop	1
4	A.G.103	CXTH-3000 Chromatography workstation	1
5	A.O.007	Column C18 250x4.6, 10 μm	1
6	A.S.001	Start-up kit, analytical	1
7	L.F.R3010	Flushing Pump + Solvent Tray	1
8		Accessories required*	

Note:

* For customers of first using HPLC, it's recommended to equipped with solvent filter, ultrasonic cleaner, AC regulated power supply.



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

自动进样二元高压梯度系统

BINARY HIGH PRESSURE GRADIENT HPLC SYSTEM
WITH AUTO SAMPLER



推荐配置 RECOMMENDED CONFIGURATION

配置自动进样器，让用户的工作更简单、更方便。

配置说明：

序号	订货号	说明	数量
1	L.F.P3006	P3000 型高压输液泵, 10ml泵头	2
2	L.F.P3010	UV 3000 型紫外/可见分光检测器	1
3	L.F.AS3000	自动进样器	1
4	A.G.103	CXTH3000 色谱工作站软件	1
5	A.O.007	色谱柱 C18,250x4.6,10um	1
6	A.S.001	分析用启动工具包	1
7	L.F.R3000	溶剂托盘及溶剂瓶	1
8	I.K.P.A0285	静态混合器（混合体积可调）	1
9		其他*	

备注：

* 在初次使用高效液相色谱仪的场合，还推荐购置溶剂过滤器、超声波、稳压电源等设备

This system can make the customer's job more simpler and convenient by equipping with auto sampler.

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P3006	P3000 HPLC pump, 10ml pump head SST	2
2	L.F.P3010	UV3000 UV-VIS Spectral photometer with analytical flow cell	1
3	L.F.AS3000	Auto Sampler	1
4	A.G.103	CXTH-3000 Chromatography workstation	1
5	A.O.007	Column C18, 250x4.6, 10 μm	1
6	A.S.001	Start-up kit, analytical	1
7	L.F.R3000	Solvent tray	1
8	I.K.P.A0285	Static Mixer (Mixing volume adjustable)	1
9		Accessories required*	

Note:

* For customers of first using HPLC, it's recommended to equipped with solvent filter, ultrasonic cleaner, AC regulated power supply.



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

制备用等度系统

ISOCRATIC PREPARATIVE HPLC SYSTEM



推荐配置 RECOMMENDED CONFIGURATION

LC6000系统可以完成克级到公斤级的分离纯化工作，其应用领域非常广泛，例如：天然产物提取、合成化合物的分离、手性化合物的拆分等。

如果选用动态轴向压缩制备柱，会让它的分离性能更出色。

配置说明：

序号	订货号	说明	数量
1	L.F.P61000	P6000 型高压输液泵，1000ml 泵头 ^{*1}	1
2	L.F.UV6000	UV6000 型紫外/可见分光检测器，制备流通池	1
3	I.IDEX.3725I-038	Rheodyne 手动进样阀（2ml定量环） ^{*2}	1
4	A.G.103	CXTH-3000 色谱工作站软件	1
5		制备色谱柱 ^{*3}	1
6	A.S.004	制备用启动工具包	1
7		制备泵专用工具包	1
8		其他	1

备注：

*1 泵的选择参考色谱柱及色谱条件，该系统可配的泵的流速有 100ml/min、250ml/min、500ml/min、1000ml/min。

*2 进样阀和进样泵可选

*3 有预装柱和动态轴向压缩制备柱可选

LC6000 preparative high performance liquid chromatography system can produce purifications of go to kg scale.

Applications: natural extracts、synthetic mixtures、chiral compounds、etc.

It can provide the highest chromatographic performance by combining with our dynamic axial compression columns.

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P61000	P6000 HPLC pump, 1000ml pump head SST ^{*1}	1
2	L.F.UV6000	UV6000 UV-VIS Spectral photometer with preparative flow cell	1
3	I.IDEX.3725I-038	Rheodyne manual injection valve(2ml sample loop) ^{*2}	1
4	A.G.103	CXTH-3000 Chromatography workstation	1
5		Preparative column (upon request) ^{*3}	1
6	A.S.004	Start-up kit, preparative	1
7		Special tool kit for preparative pump	1
8		Accessories required	

Note:

*1 The following pump is available for this system: 100ml/min、250ml/min、500ml/min、1000ml/min.

*2 Both injection valve and pump is available.

*3 Both prepacked column and DAC column is available.



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

制备用高压梯度系统

GRADIENT PREPARATIVE HPLC SYSTEM



推荐配置 RECOMMENDED CONFIGURATION

LC6000系统可以完成克级到公斤级的分离纯化工作，其应用领域非常广泛，例如：多肽纯化、天然产物提取、合成化合物的分离、手性化合物的拆分等。

如果选用动态轴向压缩制备柱，会让它的分离性能更出色。

配置说明：

序号	订货号	说明	数量
1	L.F.P6500	P6000 型高压输液泵，500ml泵 ^{*1}	2
2	L.F.UV6000	UV6000 型紫外 / 可见分光检测器，制备流通池	1
3	I.IDEX.3725I-038	Rheodyne 手动进样阀 (2ml 定量环) ^{*2}	1
4	A.G.103	CXTH-3000 色谱工作站软件	1
5		制备色谱柱 ^{*3}	1
6	A.S.004	制备用启动工具包	1
7	I.K.A.A.0581	制备型动态混合器	1
8		制备泵专用工具包	1
9		其他	

备注：

*1 泵的选择参考色谱柱及色谱条件，该系统可配的泵的流速有 100ml/min、250ml/min、500ml/min、1000ml/min。

*2 进样阀和进样泵可选

*3 有预装柱和动态轴向压缩制备柱可选

LC6000 preparative high performance liquid chromatography system can produce purifications of g to kg scale.

Applications: peptides purification、natural extracts、synthetic mixtures、chiral compounds、etc.

It can provide the highest chromatographic performance by combining with our dynamic axial compression columns.

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P6500	P6000 HPLC pump, 500ml pump head SST [*]	2
2	L.F.UV6000	UV6000 UV-VIS Spectral photometer with preparative flow cell	1
3	I.IDEX.3725I-038	Rheodyne manual injection valve(2ml sample loop [*])	1
4	A.G.103	CXTH-3000 Chromatography workstation	1
5		Preparative column (upon request) [*]	1
6	A.S.004	Start-up kit, preparative	1
7	I.K.A.A.0581	Dynamic mixing chamber, preparative	1
8		Special tool kit for preparative pump	1
9		Accessories required	

Note:

*1 The following pump is available for this system: 100ml/min、250ml/min、500ml/min、1000ml/min.

*2 Both injection valve and pump is available.

*3 Both prepacked column and DAC column is available.



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

中试放大型 制备液相色谱系统

SCALE UP PREPARATIVE HPLC SYSTEM



推荐配置 RECOMMENDED CONFIGURATION

配备有动态轴向压缩柱的制备系统使得操作者自行装柱成为可能，而且该方式装填的色谱柱，其柱效和使用寿命都是常规色谱柱无法比拟的！因此，该系统特别适用于生产规模大的场合。

配置说明：

序号	订货号	说明	数量
1	L.F.P61000	P6000 型高压输液泵，1000ml 泵 ^{*1}	1
2	L.F.UV6000	UV6000 型紫外/可见分光检测器，制备型流通池	1
3	A.G.103	CXTH-3000 色谱工作站软件	1
4		轴向压缩柱系统启动工具包	1
5	A.S.004	制备启动工具包	1
6	L.P.S.0035	进样切换阀	1
7	I.K.A.A1363	馏分收集阀	1
8		动态轴向压缩柱 ^{*2}	1
9		制备泵专用工具包	1

备注：

*1 泵可根据用户需求配置100ml、250ml、500ml、1000ml、2000ml、3000ml、5000ml 的泵

*2 动态轴向压缩色谱柱根据用户需求定制

Autonomous designed system benefit for customers to do all purification works them-selves such as column packing. This system can finish separation procedure from rough product to end product including quality inspecting and evaluating. To tell you a truth, you will get the most of gain if you are in possession of this DAC system!

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P61000	P6000 HPLC pump, 1000ml pump head SST ^{*1}	1
2	L.F.UV6000	UV6000 UV-VIS Spectral photometer with preparative flow cell	1
3	A.G.103	CXTH-3000 Chromatography workstation	1
4		Start-up kit for DAC system	1
5	A.S.004	Start-up kit, preparative	1
6	L.P.S.0035	Switching valve for sample injection ^{*2}	1
7	I.K.A.A1363	Fraction collection valve	1
8		Dynamic Axial Compression column ^{*3}	1
9		Special tool kit for preparative pump	1

Note:

**1 for the variable size of Columns, the pump heads are available upon user's request. Pump heads type: 100ml/min, 250ml/min, 500ml/min, 1000ml/min, 2000ml/min, 3000ml/min and 5000ml/min.*

**2 The injection method can be changed to use injection pump. Other type of sample loops is available upon request.*

**3 The DAC columns can be available upon customer's request.*



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

P3000型高压输液泵

P3000 HIGH PRESSURE HPLC PUMP



高压输液泵 HPLC PUMPS

P3000A高压输液泵是以CPLD技术为核心，由单片机控制的高精密输液泵系统。它基于全数字的频率发生系统、先进的马达驱动系统及友好的人机显示界面使得该设备的操作及控制很方便。先进的泵头及单项阀设计思路，融汇了当今世界上最先进的经验，使得用户在各种使用条件下都可以保证输液的精度及重复性指标。流量误差极限，流量重复性偏差极限有较大幅度的提高。

配置说明：

序号	订货号	说明	数量
1	L.F.P004	P3000型高压输液泵 10ml泵头	1
2	L.F.P007	P3000型高压输液泵 10ml PEEK泵头	1
3	L.F.P005	P3000型高压输液泵 50ml泵头	1
4	L.F.P008	P3000型高压输液泵 50ml PEEK泵头	1

技术参数

输液方式	双柱塞往复泵，一个为主吸液柱塞，一个为辅助柱塞
泵头	分析型10ml不锈钢/PEEK泵头 半制备型50ml不锈钢/PEEK泵头
最大工作压力	分析型42Mpa（不锈钢泵头） 30Mpa（PEEK） 半制备型30Mpa（不锈钢泵头） 20Mpa（PEEK）
流量范围	分析型0.001---9.999ml/min 半制备型0.01---49.99ml/min
流量精度	±0.5% (1ml/min)
流量重复性	RSD≤0.1 (1ml/min)
显示	320X240点阵大屏幕液晶显示，可调蓝色背光
系统保护	慢速启动，停止（低于最小压力2min）最大最小压力可调，用户数据自动储存
系统连接	1/16"管路连接
控制	独立模式通过前面板的按键设定所有工作参数。工作于高压梯度模式时，其中一台泵为主泵，控制其他相同型号的高压输液泵，并通过屏幕上的梯度曲线对所显示的梯度方式进行验证。串口模式通过RS232口，控制高压输液泵
电源功率	220V±10%， 50Hz, 400W
外形尺寸及重量	410X180X270mm（深X高X宽）， 10Kg



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

P3000型高压输液泵

P3000 HIGH PRESSURE HPLC PUMP



高压输液泵 HPLC PUMPS

ELEGANT OUTSIDE AND LUCRATIVE INSIDE

P3000 HPLC Pump is new generations pump that using CPLD technology and controlled by microprocessor. She presents us high precision and high accuracy based on fully digital frequency generation system, advanced motor driver system and kindly User's interface. The design of the pump shares experiences from the most advanced pumps in the world and combine our independent concepts so that we can give longer guarantee to customers for trouble free. The flow rate calibration can be processed at anytime by the firmware that ensures the user to obtain the best analysis reproducibility and high measurement accuracy. P3000 HPLC pump support HPG. Customers can use as HPG mode by introduced additional P3000 pumps up to quaternary HPG. In a word, the P3000 pump is more compact and reliable especially the best price!

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P004	P3000 HPLC pump with 10ml pump head SST	1
2	L.F.P007	P3000 HPLC pump with 10ml pump head PEEK	1
3	L.F.P005	P3000 HPLC pump with 50ml pump head SST	1
4	L.F.P008	P3000 HPLC pump with 50ml pump head PEEK	1

SPECIFICATIONS

Delivery method	double pistons, main & auxiliary
Pump head	10ml SST/PEEK analytical 50ml SST/PEEK semi-preparative
Maximum working pressure	10ml pump head 42Mpa for SST/30Mpa for PEEK 50ml pump head 30Mpa for SST/20Mpa for PEEK
Flow Range	10ml pump head 0.001-9.999ml/min 50ml pump head 0.01-49.99ml/min
Flow rate accuracy	±0.5% measurement at 1ml/min
Flow rate precision	RSD≤0.1% measurement at 1ml/min
Display	320x240 blue background color
Protection	Pmax & Pmin Data automatically saved after power down
System connection	1/16" capillaries
Control	stand-alone mode by front keypad HPG Mode: one pump work as master, others work as slave RS232 by PC using communication protocol
Power supply	AC220V, 50Hz, 400W
Dimensions and weight	410x180x270x10Kg



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

P6000制备型高压输液泵

P6000 PREPARATIVE HIGH PRESSURE HPLC PUMP



高压输液泵 HPLC PUMPS

创新通恒生产的制备泵为双柱塞设计

使用先进的伺服电机

采购原装进口的单向阀和密封圈

致力于铸造优良品质

技术参数

输液方式	双柱塞往复泵，一个为主吸液柱塞，一个为辅助柱塞
流量精度	±1%
流量重复性	RSD≤0.5%
显示	320X240点阵大屏幕液晶显示，可调蓝色背光
系统保护	慢速启动，停止（低于最小压力2min）最大最小压力可调，用户数据自动储存
	1/8”管路连接
系统连接	独立模式通过前面板的按键设定所有工作参数。工作参数。工作于高压梯度模式
控制	时，其中一台泵为主泵，控制其他相同型号的高压输液泵，并通过屏幕上的梯度曲线对所显示的梯度方式进行验证。串口模式通过RS232口，控制高压输液泵
电源功率	220V±10%， 50Hz, 400W
梯度支持	最多可支持4元高压梯度
GLP信息	自动记录泵运行时间

订货信息：

序号	订货号	说明	数量
1	L.F.P6100	P6000型高压输液泵，100ml 不锈钢泵头	1
2	L.F.P6101	P6000型高压输液泵，100ml PEEK泵头	1
3	L.F.P6250	P6000型高压输液泵，250ml 不锈钢泵头	1
4	L.F.P6251	P6000型高压输液泵，250ml PEEK泵头	1
5	L.F.P6500	P6000型高压输液泵，500ml 不锈钢泵头	1
6	L.F.P6501	P6000型高压输液泵，500ml PEEK泵头	1
7	L.F.P61000	P6000型高压输液泵，1000ml 不锈钢泵头	1
8	L.F.P61001	P6000型高压输液泵，1000ml PEEK泵头	1



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

P6000制备型高压输液泵

PP6000 PREPARATIVE HPLC PUMP



高压输液泵 *HPLC PUMPS*

CXTH's preparative HPLC pump is double piston design

Developed server engine

Exported check valve and sealing ring

Providing high quality products for the customer

SPECIFICATION

Delivery method	double pistons, main & auxiliary
Flow rate accuracy	$\pm 1\%$
Flow rate precision	RSD $\leq 0.5\%$
Display	Graphics LCD 320x240 blue background color
Protection	Pmax & Pmin Data automatically saved after power down
System connection	1/8" capillaries, 1/4" capillaries
Control	stand-alone mode by front keypad HPG Mode: one pump work as master, others work as slave RS232 by PC using communication protocol
Power supply	220V $\pm 10\%$, 50Hz, 400W
HPG	up to Quaternary HPG
GLP	Record running time automatically

Ordering Information

No.	Number	Article	Quantity
1	L.F.P6100	P6000 HPLC pump with 100ml pump head SST	1
2	L.F.P6101	P6000 HPLC pump with 100ml pump head PEEK	1
3	L.F.P6250	P6000 HPLC pump with 250ml pump head SST	1
4	L.F.P6251	P6000 HPLC pump with 250ml pump head PEEK	1
5	L.F.P6500	P6000 HPLC pump with 500ml pump head SST	1
6	L.F.P6501	P6000 HPLC pump with 500ml pump head PEEK	1
7	L.F.P61000	P6000 HPLC pump with 1000ml pump head SST	1
8	L.F.P61001	P6000 HPLC pump with 1000ml pump head PEEK	1



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

P6000-3L型高压输液泵

P6000-3L HIGH PRESSURE HPLC PUMP



高压输液泵 HPLC PUMPS

该系统是P6000高压制备泵家族的新成员，他延续了P6000高压制备泵动力强劲、经久耐用、流速精度和流速重现型高的优势，将流速范围推向一个新高，特别适用于工业化生产中的应用。P6000-3L高压制备泵使用伺服电机驱动，采取双柱塞并联模式。该泵可以配置成高压梯度模式，由计算机完全反控。控制软件可以对从进样到分离整个过程的控制。

配置说明：

序号	订货号	说明	数量
1	L.F.P63000	P6000-3L高压制备泵	1
2	L.P.P63002.087	P6000-3L用柱塞	1
3	L.P.DAC.ZX.075	P6000-3L用密封圈	1
4	A.G.101	专用串口通讯电缆	1

技术参数

输液方式	双柱塞并联模式
泵头	3000ml不锈钢316L泵头
最大工作压力	10Mpa
流速范围	1~3000ml/min
流速精度	≤1%
流速重复性	RSD≤0.5%
显示	LCD, 320X240点阵屏幕, 可调蓝色背光
系统保护	慢速启动, 停止(低于最小压力2min)最大最小压力可调, 用户数据自动储存
系统连接	外径6mm, 内径4mm管路连接
控制	独立模式 串口模式
电源功率	220V±10%, 50Hz, 1000W
梯度支持	最多4元高压梯度
GLP信息	自动记录运行时间
外形尺寸/重量	700X466X248 (长X高X宽), 40Kg

This new powerful pump is a new member of P6000 family. He continue the successful of P6000 pumps such as great powerful, the long lifetime, the very high flow rate accuracy, flow rate precision, specially suit for the industrial production. P6000-3L equipped with servomotors

The two pistons working in parallel mode to reduce the pulsation. The pump can be configured as HPG system and control all procedure from injection to target fractions by the software BCXTH3000.

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P63000	P6000-3L Preparative HPLC Pump	1
2	L.P.P63002.087	Piston for P6000-3L	1
3	L.P.DAC.ZX.075	Piston seal for P6000-3L	1
4	A.G.101	Special cable for RS232 connection	1



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

大流量高压柱塞泵

LARGE SCALE HIGH PRESSURE PISTON PUMP



高压输液泵 HPLC PUMPS

国际领先的大流量高压柱塞泵设计，选用进口先进的驱动系统，全部接触液体部分的材质均为316L或非金属材质，使其更胜任工业制备色谱的工作，流速准确度高，脉动小，也使其轻松的胜任其他领域的输液工作。

配置说明

序号	订货号	说明	数量
1	L.F.P610K	P6000-10L高压制备泵	1
2	L.P.P63002.087	P6000-10L用柱塞	1
3	L.P.DAC.ZX.075	P6000-10L用密封圈	1
4	A.G.101	专用串口通讯电缆	1

技术参数

输液方式	多柱塞并联模式
泵头	不锈钢316L泵头
最大工作压力	10Mpa
流速范围	10L/min--85L/min
显示	LCD
梯度支持	高压或低压梯度

International level large flow rate high pressure piston pump design, with developed driving system exported from oversea, all the material which contacts the liquids is 316L or non-metal material, all this can let this pump fit for the industrial preparative HPLC system, with high flow rate accuracy, little pulsation, the pump can work under multi kinds working conditions.

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P610K	P6000-10L Preparative HPLC Pump	1
2	L.P.P63002.087	Piston for P6000-10L	1
3	L.P.DAC.ZX.075	Piston seal for P6000-10L	1
4	A.G.101	Special cable for RS232 connection	1

SPECIFICATION

LIQUID DELIVERY MODE:	MULTI PISTON PARALLEL CONNECTION
PUMP HEAD:	316L STAINLESS STEEL
WORKING PRESSURE:	10Mpa
FLOW RATE RANGE:	10L/min--85L/min
DISPLAY:	LCD
GRADIENT:	HIGH PRESSURE GRADIENT OR LOW PRESSURE GRADIENT



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

UV3000型紫外分光检测器

UV/VIS SPECTRO-PHOTOMETER UV3000



紫外检测器 HPLC UV-VIS DETECTOR

UV3000是一种分光检测器，它可以和任何高压输液泵配合，胜任化学分析领域的绝大部分工作，对于常规的化学分析、农药、制药、化工等领域有着广泛的应用。

与传统的实现原理不同，UV3000采用数字的设计理念，大大的减少了器件的数量，降低了微小信号在传输过程中的损耗和失真，使得该设备的信噪比和可靠性大幅提升，基于数字信号传输和处理的概念，该检测器信号可直接输入到计算机的串行口进行采集，完全甩掉了传统仪器必须使用的数据采集卡！UV3000是UV2000的升级产品，它可以支持停流扫描和波长编程。

配置说明：

序号	订货号	说明	数量
1	L.F.P006	UV3000 型紫外/可见分光检测器	1
2	I.K.A.A4073	带座氘灯	1
3	I.K.A.A4071-1	带座氘灯	1
4	L.F.UV3004	分析流通池	1
5	L.F.UV3003	半制备流通池	1

技术参数

波长范围:	190-700nm
灯源	氘灯（标准配置） 钨灯（可替换）
灯源控制	可进行灯选择，灯开/关设定
波长精度	<±1nm
波长重复性	0.2nm
扫描功能	停留扫描，扫描可编程即扫描起始点和结束点可设定，扫描步长可设定
检测范围	0-2AU
基线噪声	1×10^{-5} AU/h 动态：流速1ml/min 甲醇 / 水=80/20,波长254nm
基线漂移	4×10^{-4} AU/h 动态：流速1ml/min 甲醇 / 水=80/20,波长254nm
时间常数	0.1/0.2/0.5/1/2/5/10s
模拟信号	±0.1V±1.0V±10V
积分输出	分16级可调
自动调零	满量程
控制	独立模式 通过前板按键 串口模式 通过RS232 软件控制
显示	320x240 点阵大屏幕液晶显示，可调蓝色背光
电源功率	220V±10%, 50Hz,60W
外形尺寸及重量	410x180x270mm（深x高x宽） 14kg
GLP信息	总的电灯时间，点灯次数，更换灯数及产品系列号等



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

UV3000型紫外分光检测器

UV/VIS SPECTRO-PHOTOMETER UV3000



紫外检测器 HPLC UV-VIS DETECTOR

UV3000 is upgrade product of UV2000.

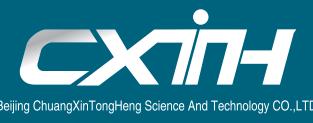
UV3000 is used all digital design.UV3000 is also a spectro-photometer detector. It can be controlled by pc. It can be widely used in chemical analysis, pesticide, pharmacy and chemistry etc. Chromato-graphic measurement at a selected wavelength between 190 and 700 nm per run. Wavelength change during measurement possible

CONFIGURATION

No.	Number	Article	Quantity
1	L.F.P006	UV/VIS Spectro-photometer Detector UV3000	1
2	I.K.A.A4073	Deuterium lamp with bas	1
3	I.K.A.A4071-1	Tungsten-Halogen lamp with bas	1
4	L.F.UV3004	Analytical Flow Cell	1
5	L.F.UV3003	Semi-Preparative Flow Cell	1

SPECIFICATIONS

Wavelength Range	190-700 nm
Light Source	Deuterium lamp (standard), Tungsten-Halogen lamp (optional)
Wavelength Accuracy	<±1nm
Wavelength Reproduction	0.2 nm
Wavelength Scanning	Stop-flow mode, UV spectra acquisition of separated compounds in the stop-flow mode possible.
Detection Range	0-2 AU
Baseline Noise	1×10^{-5} AU/h Dynamic Flow rate 1ml/min methanol/water=80/20, Wavelength 254 nm
Baseline Drift	4×10^{-4} AU/h Dynamic Flow rate 1ml/min methanol/water=80/20, Wavelength 254 nm
Time Constants	0.1/0.2/0.5/1/2/5/10 s
Analog Output	$\pm 0.1 \pm 1.0 \pm 10$ V
Integrator Output	16 grades adjustable
Auto zero	Full Scale Range
Digital Data Output	RS232 Interface
Display	320x240 latticed LCD screen display, adjustable blue background light
Power	220V±10%, 50Hz, 60W
Dimensions and Weight	410x80x270mm (WxHD), 14kg
GLP Support	Detailed reports with lamp operation time, number of lamp ignitions and further service information.



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

UV6000型制备紫外 /可见分光检测器

UV/VIS SPECTRO-PHOTOMETER
PREPARATIVE DETECTOR UV6000



紫外检测器 HPLC UV-VIS DETECTOR

UV6000制备型紫外检测器专为制备液相色谱系统设计，可在样品分离纯化过程中实现在线监测，大大提高制备过程中的准确性和分离纯化效果。

订货信息：

	订货号	说明	数量
主 机	L.F.UV6000	UV6000型紫外/可见分光检测器	1
	I.K.A.A4073	带座钨灯	1
	I.K.A.A4071-1	带座氘灯	1

技术参数：

波长范围:	190~700nm
光源:	氘灯（标配）； 钨灯（选配）
流通池:	根据不同流速选配
优秀的波长精度	波长精度±2nm
波长重现性	波长重现0.4nm
扫描功能	停留扫描，扫描可编程即扫描起始点和结束点可设定，扫描步长可设定
检测范围	0~2AU
基线噪声	3x10 ⁻⁵ AU/h 甲醇 / 水=80/20, 波长254nm
基线漂移	1x10 ⁻³ AU/h 甲醇 / 水=80/20, 波长254nm
	0.1/0.2/0.5/1/2/5/10s
时间常数	±0.1±1.0±10V
模拟信号	分16级可调
积分输出	满量程
自动调零	独立模式 通过前板按键
控制	串口模式 通过RS232 软件控制
显示	320x240点阵大屏幕液晶显示，可调蓝色背光
电源	220V±10%, 50Hz, 60W
外形尺寸及重量	398x149x267mm (深x高x宽) 14kg
GLP信息	总的电灯时间，点灯次数。更换灯数及产品系列号等



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

UV6000型制备紫外 /可见分光检测器

UV/VIS SPECTRO-PHOTOMETER
PREPARATIVE DETECTOR UV6000



紫外检测器 HPLC UV-VIS DETECTOR

*UV6000 is special designed for preparative HPLC system.
It can detect the samples online during the separation and purification.
So it can do great help for the accuracy and results of the separation.*

Ordering Information

Order Number	Article	Quantity
L.F.UV6000	UV/VIS Spectro-photometer Preparative Detector UV6000	1
I.K.A.A4073	Tungsten-Halogen lamp with bas	1
I.K.A.A4071-1	Deuterium lamp with bas	1

SPECIFICATIONS

Wavelength Range	190-700nm
Light Source	Deuterium lamp (standard) Tungsten-Halogen lamp (optional)
Wavelength Accuracy	±2nm
Wavelength Reproduction	0.4nm
Wavelength Scanning	Stop-flow mode, UV spectra acquisition of separated compounds in the stop-flow mode possible.
Detection Range	0-2AU
Baseline Noise	3×10^{-5} AU /h methanol/water=80/20, Wavelength 254 nm
Baseline Drift	1×10^{-3} AU /h methanol/water=80/20, Wavelength 254 nm
Time Constants	0.1/0.2/0.5/1/2/5/10s
Analog Output	±0.1±1.0±10V
Integrator Output	16 grades adjustable
Auto zero	Full Scale Range
Digital Data Output	RS232 Interface
Display	320x240 blue background color
Power	220V±10%, 50Hz,60W
Dimensions and Weight	398x49x267mm (WxHxD),14kg
GLP Support	Detailed reports with lamp operation time, number of lamp ignitions and further service information.

动态轴向压缩制备柱 DYNAMIC AXIAL COMPRESSION COLUMN



动态轴向压缩系统 DYNAMIC AXIAL COMPRESSION COLUMN

DAC是Dynamic Axial Compression的缩写，意思是动态轴向压缩。他的特点是制备柱与装柱系统是一体式设计，装柱过程非常简单，制备柱装填完成后可以在线使用，无需拆卸，并且在柱床内部始终保持轴向的动态压力，一旦在使用过程中柱床有松动，活塞会立即下压，保持柱床和柱效的稳定。

创新通恒推出的CXTH-PACK动态轴向压缩制备柱可以装填小至10微米的填料，并达到几乎与同等分析柱相同的高柱效。独特的分配设计和密封系统是最有效的保证。还可以为客户提供制备柱可调柱温夹套设计。

技术参数：

色谱柱:	内径: ID30mm-ID1000mm 长度: 650mm-1500mm 内壁: Ra≤0.8μm 材质: 316L
过滤器:	材质: 316L 孔径大小: 3-5μm
活塞:	材质: 316L
液压缸:	最大工作压力: 50Mpa 液压油粘度范围: 46-68cst
压力表:	气压表: 0-10bar, 0.01分度 液压表: 0-400bar, 0.1分度
工作压力:	最大120bar作用于活塞上
气压需求:	0.8-1.0Mpa



DAC50制备柱



DAC150制备柱



DAC800制备柱



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

动态轴向压缩制备柱

DYNAMIC AXIAL COMPRESSION COLUMN



动态轴向压缩系统 DYNAMIC AXIAL COMPRESSION COLUMN

DAC stands for dynamic axial compression. It combines the preparative column and packing system together. It is very simple to operate. The column can be used online when it is packed well. Don't need to take the column down. It prevents mechanical degradation of the particles. Bed compression is maintained constant, independent of swelling or shrinking of the bed. If the solvent conditions are such that particle swelling takes place, then the piston automatically lets the bed expand to maintain constant compression.

CXTH-PACK DAC columns can be consistently packed with small particulate media (10 um and less) to high levels of performance: column efficiencies of up to 50,000 theoretical plates per meter have been reported for columns of 50 and 300 mm internal diameter (i.d.). This requires an even distribution of the liquid flow over the column cross-section. Our engineers have modeled the flow pattern at the column ends and designed efficient flow distribution systems for optimum performance. For even better control of chromatographic conditions, DAC columns are delivered with a temperature jacket and/or insulation.

SPECIFICATIONS

Column:	Internal diameter: ID30mm-ID1000mm Tube length: 650mm Tube internal suffice finish: Ra≤0.8 μm Material: SST316 sintered
Filter:	Material: SST316 sintered Pore size: 3-5μm
Piston:	Material: SST316L
Hydraulic cylinder:	Maximum working pressure: 50MPa Viscosity range: 46 - 68cst.
Pressure indicator:	Air pressure meter: 0-10bar, 0.01degree Hydraulic meter: 0-400bar, 0.1degree
Working pressure:	120bar max. Piston act on the column bed.
Air supply requirement:	Rated air out pressure: 0.8-1Mpa



DAC50 PREPARATIVE HPLC COLUMN



DAC150 PREPARATIVE HPLC COLUMN



DAC800 PREPARATIVE HPLC COLUMN



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

P6000PA高压气动泵

PNEUMATIC PUMP P6000PA



高压输液泵 HPLC PUMPS

P6000PA是用于色谱柱装填的设备，它运行时仅仅依赖气源而不需要电力，因此安全性能极高

订货信息：

主
机

订货号	说明	数量
L.F.QD001	P6000PA型高压输液泵 100ml不锈钢泵头	1
L.F.QD002	P6000PA型高压输液泵 250ml不锈钢泵头	1
L.F.QD003	P6000PA型高压输液泵 500ml不锈钢泵头	1
L.F.QD004	P6000PA型高压输液泵 1000ml不锈钢泵头	1

Pneumatic solvent delivery system without electronics for flow rates up to 1000ml/min.

For hazardous environments

For constant pressure applications

*For easy column packing up to 1000bars-developed for the production of high performance columns,
either analytical or preparative*

For preparative chromatography

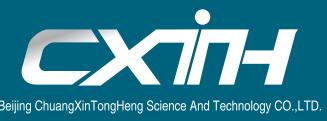
For process chemistry

Technical Specifications of the Pneumatic Pump

订货信息：

主
机

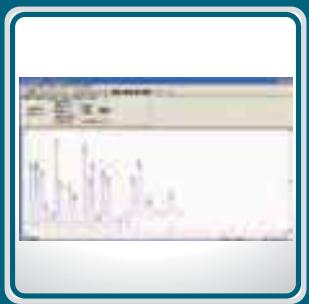
Number	Article	Quantity
L.F.QD001	Pneumatic Pump P6000PA, 100ml/min, stainless steel	1
L.F.QD002	Pneumatic Pump P6000PA, 250ml/min, stainless steel	1
L.F.QD003	Pneumatic Pump P6000PA, 500ml/min, stainless steel	1
L.F.QD004	Pneumatic Pump P6000PA, 1000ml/min, stainless steel	1



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

CXTH-3000色谱软件

CXTH-3000 CHROMATOGRAPHY SOFTWARE



色谱工作站软件 CHROMATOGRAPHY SOFTWARE

色谱工作站与色谱仪配套，是处理色谱仪信号做数据的电脑系统。

该软件着重于谱图数据的智能化处理，力求将需要用户具备的谱图数据处理知识减少到最少，而且将仅有的这些知识也转化为浅显易懂的东西，最后就象一架无需调光圈、调快门、调焦距的“傻瓜”相机，用户将看不到色谱数据处理机中那些令人困惑的参数（如“峰起始斜率”、“变参时间”、“基线漂移”等）。但有别于简单的傻瓜相机的是，它的“专业级”功能仍然齐备，当需要达到某种特殊的处理效果时，仍然有简便易用的调节手段。同时，本软件在界面布局上也力求简明紧凑，并提供如联合计算、成批打印、结果汇总、连贯操作、自动保存、谱图管理等能够提高日常分析工作效率的功能。这几个方面共同构成了本软件最显著的特色——功能丰富却方便易用。

本软件的另一大特色是与Microsoft Office的紧密结合，如可直接在Word中生成分析报告、定量结果（或多次定量结果的汇总）可通过剪贴板传送到Excel、分析记录可直接存入Access数据库等，使您除了在用色谱工作站得到组份浓度之外，还可以有强大的手段完成对色谱分析结果的后续处理工作，这无疑将使您的日常分析工作更加得心应手。

在用制备色谱进行生产时，可随时在谱峰上生成手工短线标记和文字注释。

CXTH-3000 Chromatography Data Handling System is compatible with any model of chromatographic analytical instrument available in the market. Our state-of-the-art hardware comes in two different models, namely Single-channel and Dual-channel model. For Dual-channel model, while you can connect the two channels to the dual detectors of the same instrument for simultaneous data acquisition, you can also connect them to two different instruments for independent data acquisition.

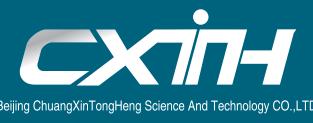
This software system is structured in such a way that all the sequences related to an analysis (starting from acquisition of raw data signal, to integration of chromatogram, to calculation of components quantities, through to preparation of analysis report) are incorporated in one source document called Chromatogram file. By applying Document window technique and Split window technique, we have designed a one-page Document window for you to display all the working elements of a Chromatogram file in one screen for quick access and manipulation.

订货信息：

订货号	说明	数量
A.G.103	CXTH-3000色谱工作站（带加密狗）	1

Ordering Information

Number	Article	Quantity
A.G.103	Chromatography Software CXTH-3000 (with soft dog)	1



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

CXTH-CLARITY 色谱工作站

CXTH-CLARITY CHROMATOGRAPHY SOFTWARE



色谱工作站软件 CHROMATOGRAPHY SOFTWARE

Clarity 是高性能的多通道、多用户的通用型色谱工作站。该软件可以与任何气相色谱仪、液相色谱仪或带电压输出的电子设备连接，可同时采集一到四个独立检测器信号。多种形式的24位高精度色谱信号采集，包括内置采集卡、外置采集器通过USB或以太网传输数据。数字化的色谱仪和自动进样器控制方式：RS232C、GPIB和网卡。硬件保修三年。Clarity全面支持GLP/FDA-21CFR Part11电子署名认证、数据的有效性安全性、系统认证工具（IQ/OQ）及系统适用性测试（SST）。批处理功能使得仪器的控制、自动进样器序列采集、自动积分校正及输出报告均可一气呵成，将日常繁琐的分析简单化。强大的后处理功能，谱图比较、重校正、数据的输入输出、三维谱图处理等功能一应俱全。“Snapshot”可以在线得到分析结果而无需等到采集结束。

性能特点

- 支持多个检测器同时采集
- 多任务超线程的数据处理系统
- 高精度的数据采集
- 友好的图形化用户界面
- 全面支持GLP/FDA-21CFR Part11
- 可扩展的仪器控制模块
- 液相色谱仪控制(Agilent、Beckman、Shimadzu、Waters等)
- 梯度混合控制
- PDA二极管阵列检测器3D数据处理
- 自动进样器控制
- GPC凝胶色谱软件

软件指标 Clarity Clarity lite (数据处理)

最多可同时连接色谱仪台数 (检测器数量) 1-4 (4) 1 (4)

是否支持新型网络采集器Net-PAD

结果总结表、谱图历史数据记录 (包括校正数据)

积分事件表参数 (峰宽、阈值等)

FDA-21CFR Part11认证 (电子署名、履历、用户密码)

扩展模块：仪器控制 (GC/HPLC/AS/PDA) 和GPC

系统适用性测试 (SST)

色谱柱性能表、用户自定义色谱柱

数据存档/恢复调用功能、批处理功能

后处理、序列、内标外标校正

输入/输出格式 (AIA、TXT、dBase)

自动INTERNET升级支持



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

CXTH-CLARITY 色谱工作站

CXTH-CLARITY CHROMATOGRAPHY SOFTWARE



色谱工作站软件

CHROMATOGRAPHY SOFTWARE

Clarity is the most universal software of the entire product line. All other versions are derived from the full Clarity software.

Measuring

Simultaneous data acquisition from up to four independent chromatographs, each chromatograph can acquire data from up to 12 detectors.

Integration

There is extensive possibility to modify chromatograms. The chromatogram can be changed by entering global parameters or interactively, through direct graphic modification of the baseline.

Overlay

Simultaneously displays a virtually unlimited number of chromatograms and their mathematical modification; for example, mutual deductions or derivations of any order.

Calibration

Internal and external standard calculation methods, calibration of groups of peaks and reference peaks method for better identification.

User settings

User selects parameters for peak display and the specification for axes, including color from an extensive array of color settings. Text labels and lines, either as part of the area or anchored to a chromatogram, may also be inserted.

Method and calibration history

Each chromatogram can easily be displayed under the same conditions as when it was printed, exported or saved.

Column performance

Calculations of peaks in terms of symmetry, efficiency, resolution; all by several methods (tangent, moments, etc.).

Batch

Automatically batch processes, displays, exports or prints any number of chromatograms.

User accounts

Sets up access rights and passwords (including their parameters e.g., minimum length, validity, etc.). Each user can define his or her own station appearance.

Audit trail

Records selected events and operations into a special file. Records selected operations directly into a chromatogram.

Electronic signature

Each chromatogram can be signed electronically. Signature selection is based on the username or the signature certificate.



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

分析/半制备/制备色谱柱

ANALYTICAL/SEMI-PREPARATIVE /PREPARATIVE HPLC COLUMN



液相色谱柱 *HPLC COLUMNS*

北京创新通恒科技有限公司开发的色谱柱系列有如下

- 分析色谱柱
- 半制备色谱柱
- 制备色谱柱

分析色谱柱

规格：长度150-300mm，内径4.6mm

接口：标准的1/16”管路

填料：根据用户需求可选用国内、国际知名厂家的色谱填充材料，如Kromasil, Luna, YMC, Daiso 等。

半制备色谱柱

规格：长度150-300mm，内径10-40mm

接口：标准的1/16”管路

填料：根据用户需求可选用国内、国际知名厂家的色谱填充材料，如Kromasil, Luna, YMC, Daiso 等。

制备色谱柱

规格：长度150-600mm，内径50-500mm

接口：根据用户需求定制

填料：根据用户需求可选用国内、国际知名厂家的色谱填充材料，如Kromasil, Luna, YMC, Daiso 等。

*我公司可根据用户的需求，定制出任意规格、色谱填料及接口的色谱柱

我公司的承诺：

1、每根色谱柱都在工厂进行完善的性能测试，并附有色谱柱的检测报告！

2、对特型色谱柱的应用如聚合物填料色谱柱提供技术支持。

ANALYTICAL/SEMI-PREPARATIVE/ PREPARATIVE HPLC COLUMN

Analytical HPLC Column

Dimension: ID 4.6mm, Length 150-300mm

Connection: 1/16" (Standard)

Packing Material: world famous brand material, such as Kromasil, Luna, YMC, Daiso etc.

Semi-Preparative HPLC Column

Dimension: ID 10-40mm, Length 150-300mm

Connection: 1/16" (Standard)

Packing Material: world famous brand material, such as Kromasil, Luna, YMC, Daiso etc.

Preparative HPLC Column

Dimension: ID 50-500mm, Length 150-600mm

Connection: 1/8" or 1/4" (Standard)

Packing Material: world famous brand material, such as Kromasil, Luna, YMC, Daiso etc.

We can produce all kinds of hplc columns basis of customers' requirement.

Preparative hplc column re-packing service.

Preparative hplc column application support.

We promise that each column must be tested strictly and attached with test report.



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

液相色谱常用配件及维修件

HPLC SPARE PARTS & ACCESSORIES

液路连接螺钉 BOSHINGS AND FERRULES

订货信息 Ordering Information :



订货号	说明	数量
A.G.084	液路连接螺钉及压环，用于1/16外径的管路连接，不锈钢	1
/A.G.083	Connection bolt and ferrule 1/16 stainless steel	
A.G.015	液路连接螺钉及压环，用于1/8外径的管路连接，不锈钢	1
/A.G.013	Connection bolt and ferrule 1/8 stainless steel	
A.G.001	液路连接螺钉，用于1/16外径的管路连接，PEEK	1
	Connection bolt 1/16 PEEK	
A.G.002	液路连接螺钉，用于1/8外径的管路连接，PEEK	1
	Connection bolt 1/8 PEEK	

动态混合器 HPG MIXER

订货信息 Ordering Information :

适用于高压和低压梯度系统，混合腔的材料为不锈钢。
 尺寸：80×45×120mm
 （宽×高×深），1.5kg
 电源：220V±10%
 Both low and high pressure gradient are available.

订货号	说明	数量
I.K.P.A0285	分析/半制备用动态混合器	1
	Analytical and Semi-preparative	
	Dynamic mixing chamber	
I.K.A.A0581	制备用动态混合器	1
	Preparative Dynamic mixing chamber	

色谱柱柱温箱 COLUMN OVEN

为了保证色谱柱在要求的温度下正常的进行分离，在有些场合应配备柱温箱。T3000 型柱温箱适用于高于室温5℃至120℃范围的柱温控制。

技术参数:

订货号	说明	数量
L.F.T3000	T3000 型柱温箱	1
	T3000 Column Thermostat	1

氘灯及流通池 DEUTEIUM AND FLOW CELL

订货信息 Ordering Information :



订货号	说明	数量
L.F.UV3004	分析用流通池	1
	Analytical flow cell	
L.F.UV3003	半制备流通池	1
	Semi-preparative flow cell	
L.F.UV3002	制备用流通池	1
	Preparative flow cel	
I.K.A.A4071-1	带座氘灯， 10V	1
	Deuterium lamp with base, 10V	
I.K.A.A4073	带座钨灯	1
	Tungsten-Halogen lamp with base	





Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

液相色谱常用配件及维修件

HPLC SPARE PARTS & ACCESSORIES

液路管 CAPILLARIES

订货信息 Ordering Information :

订货号	说明	数量
A.G.016	1/16 外径不锈钢液路管0.25mm 内径 I.D. 0.25mm, O.D. 1/16", stainless steel pipe	最小1m
	1/16 外径不锈钢液路管0.5mm 内径 I.D. 0.5mm, O.D. 1/16", stainless steel pipe	最小1m
A.G.020	1/16 外径不锈钢液路管0.7mm 内径 I.D. 0.7mm, O.D. 1/16", stainless steel pipe	最小1m
A.G.017	1/16 外径PEEK液路管0.25mm 内径 I.D. 0.25mm, O.D. 1/16", PEEK pipe	最小1m
A.G.018	1/16 外径PEEK液路管0.5mm 内径 I.D. 0.5mm, O.D. 1/16", PEEK pipe	最小1m
L.P.P610.023	φ3mm外径不锈钢液路管2mm 内径 I.D. 2mm, O.D. 3mm, stainless steel pipe	最小1m
A.G.022	1/8 外径PEEK液路管2mm 内径 I.D. 2mm, O.D. 1/8", PEEK pipe	最小1m
	φ2mm外径PTFE液路管1/16 内径 I.D. 1/16", O.D. 2mm, PTFE pipe	最小1m
A.G.023	φ3mm外径PTFE液路管2mm 内径 I.D. 2mm, O.D. 3mm, PTFE pipe	最小1m
A.G.025	φ4mm外径PTFE液路管3mm 内径 I.D. 3mm, O.D. 4mm, PTFE pipe	最小1m
A.G.026	φ6mm外径PTFE液路管4mm 内径 I.D. 4mm, O.D. 6mm, PTFE pipe	最小1m
A.G.019	1/16 外径PTFE液路管0.5mm 内径 I.D. 0.5mm, O.D. 1/16", PTFE pipe	最小1m
	3/16~5/16 管路切割器 Pipe Cutter 3/16"- 3/16"	1
I.K.A.A0809/AT050	1/16, 1/8 管路切割器 Pipe Cutter 1/16", 1/8"	1

微量注射器/MICRO-SYRINGE

订货信息 Ordering Information :

订货号	说明	数量
Number	Article	Quantity
A.G.044	微量注射器, 10ul (国产) Micro-Syringe, 10 µl	1
A.G.045	微量注射器, 25ul (国产) Micro-Syringe, 25µl	1
A.G.090	微量注射器, 10ul (进口) Micro-Syringe, 50µl	1
A.G.091	微量注射器, 10ul (进口) Micro-Syringe, 100µl	1
I.K.A.A723	微量注射器, 10ul (进口) Micro-Syringe, 100µl	1
I.K.A.A724	微量注射器, 25ul (进口) Micro-Syringe, 25µl	1
I.K.A.A725	微量注射器, 50ul (进口) Micro-Syringe, 50µl	1
I.K.A.A726	微量注射器, 100ul (进口) Micro-Syringe, 100µl	1

定量环 (用于7725i) /SAMPLE LOOP

订货信息 Ordering Information :

订货号	说明	数量
Number	Article	Quantity
I.IDEX.7755-020	5ul定量环(5ul sample loop)	1
I.IDEX.7755-021	10ul 定量环(10ul sample loop)	1
I.IDEX.7755-01	20ul 定量环(20ul sample loop)	1
I.IDEX.7755-023	50ul 定量环(50ul sample loop)	1
I.IDEX.7755-024	100ul 定量环(100ul sample loop)	1
I.IDEX.7755-025	200ul 定量环(200ul sample loop)	1
I.IDEX.7755-026	500ul 定量环(500ul sample loop)	1
I.IDEX.7755-027	1.0ml 定量环(1.0ml sample loop)	1
I.IDEX.7755-028	2.0ml 定量环(2.0ml sample loop)	1
I.IDEX.7755-029	5.0ml 定量环(5ml sample loop)	1



Beijing ChuangXinTongHeng Science And Technology CO.,LTD.

液相色谱常用配件及维修件

HPLC SPARE PARTS & ACCESSORIES

进样阀/INJECTION VALV

订货信息 Ordering Information :

订货号	说明	数量
L.IDEX.001	Rheodyne 手动进样阀分析用 Rheodyne Manual Injection valve, analytical	1
I.K.A.A1359	Rheodyne 手动进样阀备用 Rheodyne Manual Injection valve, preparative	1
L.IDEX.7725i-3	7725i 进样阀维修工具包 7725i Injection valve maintenance kit	1
L.IDEX.7725i-2	7725i 进样阀定子 7725i Injection valve stator	1
L.IDEX.7725i-1	7725i 进样阀转子 7725i Injection valve rotor	1

单向阀/Check valve

订货信息 Ordering Information :

订货号	说明	数量
L.P.P305.010	10ml 泵头用单向阀 Check valve, 10ml Pump	1
L.P.P603.011	50ml 泵头用单向阀 Check valve, 50ml Pump	1
L.P.P305.010	100ml 泵头用单向阀 Check valve, 100ml Pump	1
L.P.P603.011	250ml 泵头用单向阀 Check valve, 250ml Pump	1
L.P.P305.010	500ml 泵头用单向阀 Check valve, 500ml Pump	1
L.P.P603.011	1000ml 泵头用单向阀 Check valve, 1000ml Pump	1

密封圈/PISTON SEALS

订货信息 Ordering Information :

订货号	说明	数量
L.P.P305.006	10ml 泵密封圈 Piston Seals, 10ml Pump	1
L.P.P306.006	50ml 泵密封圈 Piston Seals, 50ml Pump	1
L.P.P306.006	100ml 泵密封圈 Piston Seals, 100ml Pump	1
L.P.P604.003	250ml 泵密封圈 Piston Seals, 250ml Pump	1
L.P.P605.003	500ml 泵密封圈 Piston Seals, 500ml Pump	1
L.P.P606.003	1000ml 泵密封圈 Piston Seals, 1000ml Pump	1

订货信息

订货号	说明	数量
A.S.001	分析型平流启动工具包	1
A.S.002	分析型两元高压启动工具包	1
A.S.038	半制备型平流启动工具包	1
A.S.003	半制备型两元高压启动工具包	1
A.S.004	制备型平流启动工具包	1
A.S.005	制备型两元高压启动工具包	1

Ordering Information

Ording number	Article	Quantity
A.S.001	Start-up Kit, analytical, Isocratic	1
A.S.002	Start-up Kit, analytical, HPG	1
A.S.038	Start-up Kit, Semi-preparative,Isocratic	1
A.S.003	Start-up Kit, Semi-preparative, HPG	1
A.S.004	Start-up Kit, Preparative, Isocratic	1
A.S.005	Start-up Kit, Preparative, HPG	1

订货信息

订货号	说明	数量
C9001	0.45um 溶剂过滤膜 (有机) Solvent filtration film (organic system)	1
C9002	0.45um 溶剂过滤膜 (水系) Solvent filtration film (water system)	1
C9003	样品过滤器 (有机) Sample filter (organic system)	1
C9004	样品过滤器 (水系) Sample filter (water system)	1
C9000	容器过滤器 Solvent filter	1
C9005	液路在线过滤器 Online filter	1
C9006	流动过滤头 Solvent filter head	1
C7001	溶剂托盘 Solvent salver	1
C9009	交流稳压电源5KW AC Manostat Power, 5KW	1



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