

Программное обеспечение для хроматографии ChromNAV Описание

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Калининград (4012)72-03-81	Омск (3812)21-46-40	Сыктывкар (8212)25-95-17
Ангарск (3955)60-70-56	Калуга (4842)92-23-67	Орел (4862)44-53-42	Тамбов (4752)50-40-97
Архангельск (8182)63-90-72	Кемерово (3842)65-04-62	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Астрахань (8512)99-46-04	Киров (8332)68-02-04	Пенза (8412)22-31-16	Тольятти (8482)63-91-07
Барнаул (3852)73-04-60	Коломна (4966)23-41-49	Петрозаводск (8142)55-98-37	Томск (3822)98-41-53
Белгород (4722)40-23-64	Кострома (4942)77-07-48	Псков (8112)59-10-37	Тула (4872)33-79-87
Благовещенск (4162)22-76-07	Краснодар (861)203-40-90	Пермь (342)205-81-47	Тюмень (3452)66-21-18
Брянск (4832)59-03-52	Красноярск (391)204-63-61	Ростов-на-Дону (863)308-18-15	Ульяновск (8422)24-23-59
Владивосток (423)249-28-31	Курск (4712)77-13-04	Рязань (4912)46-61-64	Улан-Удэ (3012)59-97-51
Владикавказ (8672)28-90-48	Курган (3522)50-90-47	Самара (846)206-03-16	Уфа (347)229-48-12
Владимир (4922)49-43-18	Липецк (4742)52-20-81	Саранск (8342)22-96-24	Хабаровск (4212)92-98-04
Волгоград (844)278-03-48	Магнитогорск (3519)55-03-13	Санкт-Петербург (812)309-46-40	Чебоксары (8352)28-53-07
Вологда (8172)26-41-59	Москва (495)268-04-70	Саратов (845)249-38-78	Челябинск (351)202-03-61
Воронеж (473)204-51-73	Мурманск (8152)59-64-93	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Екатеринбург (343)384-55-89	Набережные Челны (8552)20-53-41	Симферополь (3652)67-13-56	Чита (3022)38-34-83
Иваново (4932)77-34-06	Нижний Новгород (831)429-08-12	Смоленск (4812)29-41-54	Якутск (4112)23-90-97
Ижевск (3412)26-03-58	Новокузнецк (3843)20-46-81	Сочи (862)225-72-31	Ярославль (4852)69-52-93
Иркутск (395)279-98-46	Ноябрьск (3496)41-32-12	Ставрополь (8652)20-65-13	
Казань (843)206-01-48	Новосибирск (383)227-86-73	Сургут (3462)77-98-35	
Россия +7(495)268-04-70	Киргизия +996(312)-96-26-47	Казахстан +7(7172)727-132	

ChromNAV 2.0 HPLC Software - The 'PowerTool' for HPLC Analysis

ChromNAV 2.0 HPLC Software

The latest version of ChromNAV 2.0 HPLC software is a simple to use, and powerful Chromatography Data System (CDS). The highly configurable graphical-user-interface (GUI) can be quickly set up to display only the functions necessary for your use. Users can quickly learn the operation and explore the extensive functionality for instrument control and data processing.

Apps

ChromNAV 2.0 is a universal CDS which can be used with any type of analytical separation, including: HPLC, UHPLC, GPC, SFC and preparative HPLC & SFC. Check out the complete suite of option applications below.

- ChromNAV Lite – For acquisition only from a single detector
- ChromNAV CFR – Fully 12 CFR part II compliant version of ChromNAV, with electronic signature and complete audit trail.
- ChromNAV CMS – integrated control of a single quadrupole MS detector for both LC and SFC
- ChromNAV-GPC – an add in for controlling a GPC system and calculating molecular weights
- ChromNAV-Heparins – A dedicated app for estimation of molecular weight of low molecular mass heparins
- ChromNAV Method Scouting – automated method development app for unattended column and solvent screening for both HPLC and SFC.
- ChromNAV-Fraction Controller – for controlling fraction collection either by open bed fraction collector or fixed fraction valve, using timed events and threshold triggering.
- ChromNAV- Stacked Injections – an app for preparative HPLC and SFC for stacked injections
- ChromNAV CDD- for control a Shodex conductivity detector for Ion Chromatography
- ChromNAV ELSD – for controlling a Teledyne ELSD

Powerful System Control for Method Development

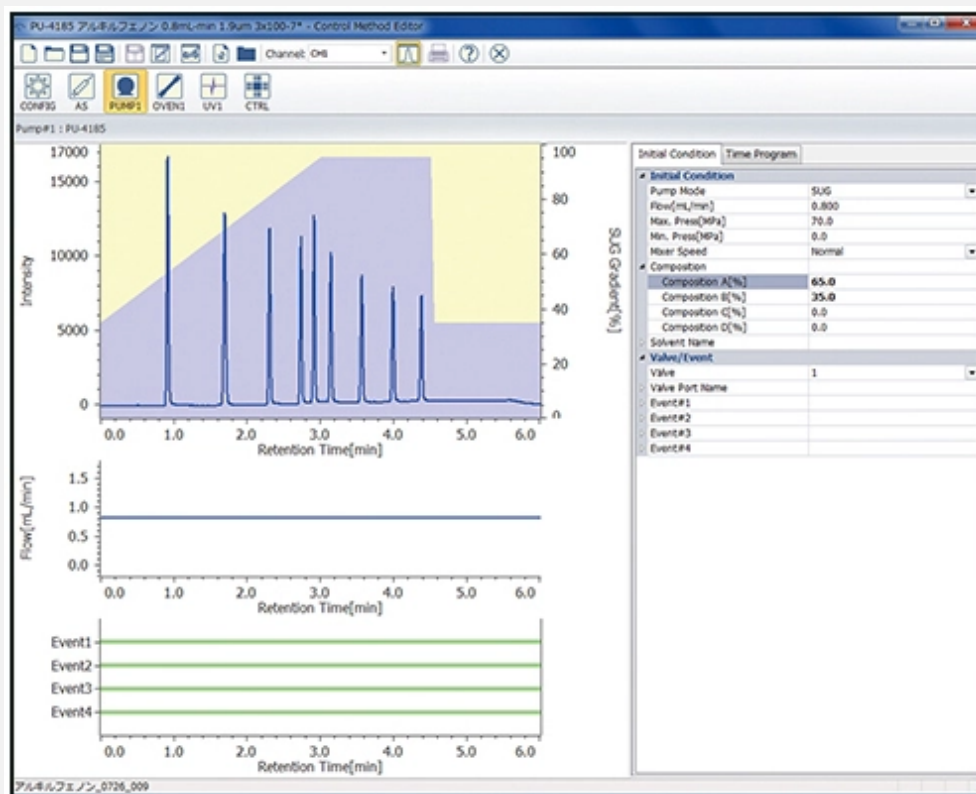
ChromNAV 2.0 offers flexible system control and data acquisition with options for 2D (or up to 4D) gradient control and multi-zone oven control (up to 3) for method development. Solvent and column selection has been increased to include up to 10 positions for both. During acquisition, the run-time for a chromatogram can be increased to capture later eluting peaks that may exceed the set run-time.

Data Rich

During acquisition a 'known' chromatogram can be overlaid for visual comparison with the currently separation, as a quick indicator to the user of the reliability current separation. The fluorescence and UV-visible detectors both include the spectral scanning, which can be triggered manually, by time or by threshold. Data acquisition and analysis for PDA detectors are included as standard in ChromNAV. A newly added feature is the ability to send an automated email to your PC or smartphone with an update on the progress of the sequence.

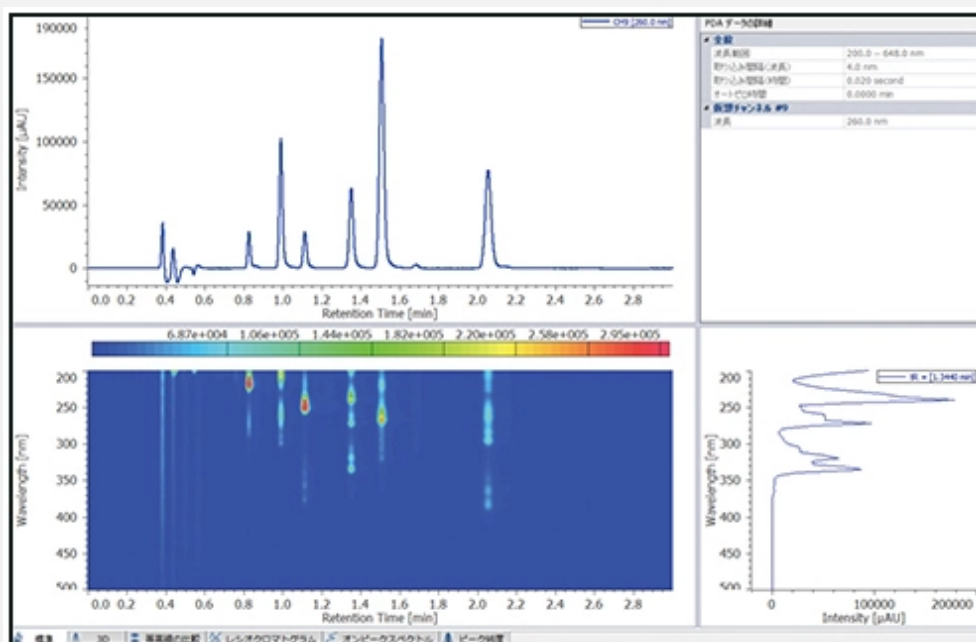
Green

As part of JASCO's commitment to Green Energy, the LC-4000 Series includes both 'power off' for the flow, lamp, column oven etc at the end of the sequence, and a 'soft-off' function to automatically completely shut down selected modules to save energy.



Control Method

The pump flow rate and gradient profile display is flexible and can be overlaid with a chromatogram for adjusting gradient conditions.



PDA Analysis

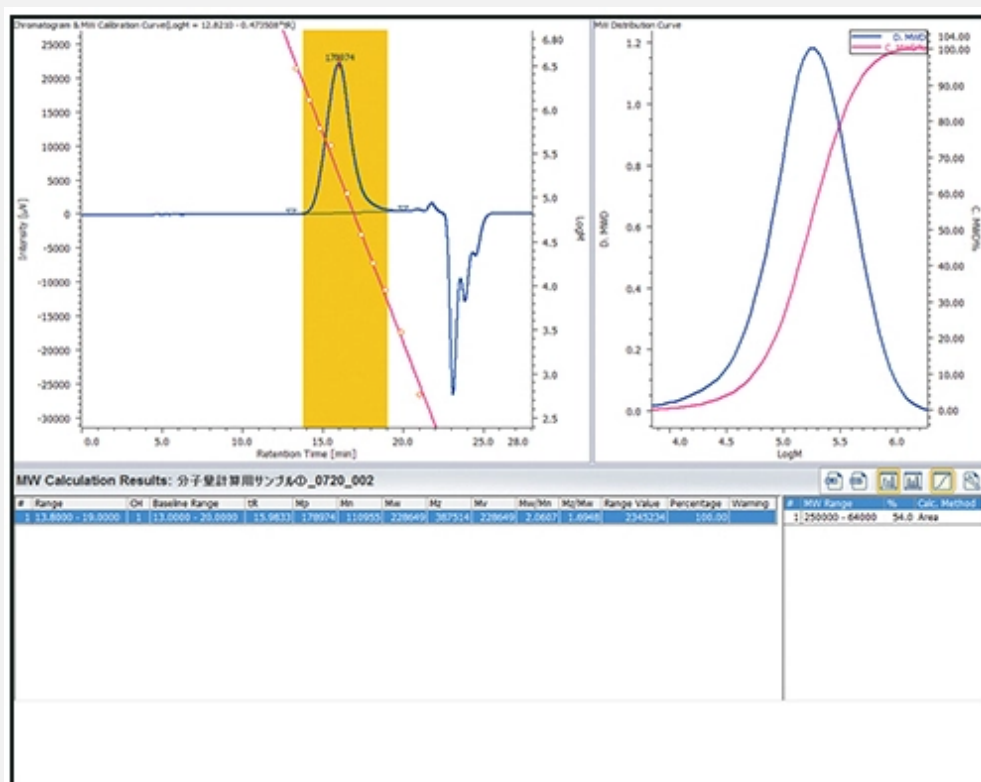
PDA data processing is included as standard. Data is displayed in 2-D and 3-D contour plot with simultaneous overlay of spectra and chromatograms. Extract chromatograms at single or multiple wavelengths for quantitation.

ChromNav 2.0 Standard Features

- Peak integration and identification
- Peak grouping
- Linear and non-linear quantitation
- 3D chromatogram analysis
- Spectral analysis for UV-visible, Fluorescence and PDA detectors
- Style report generator
- User calculation

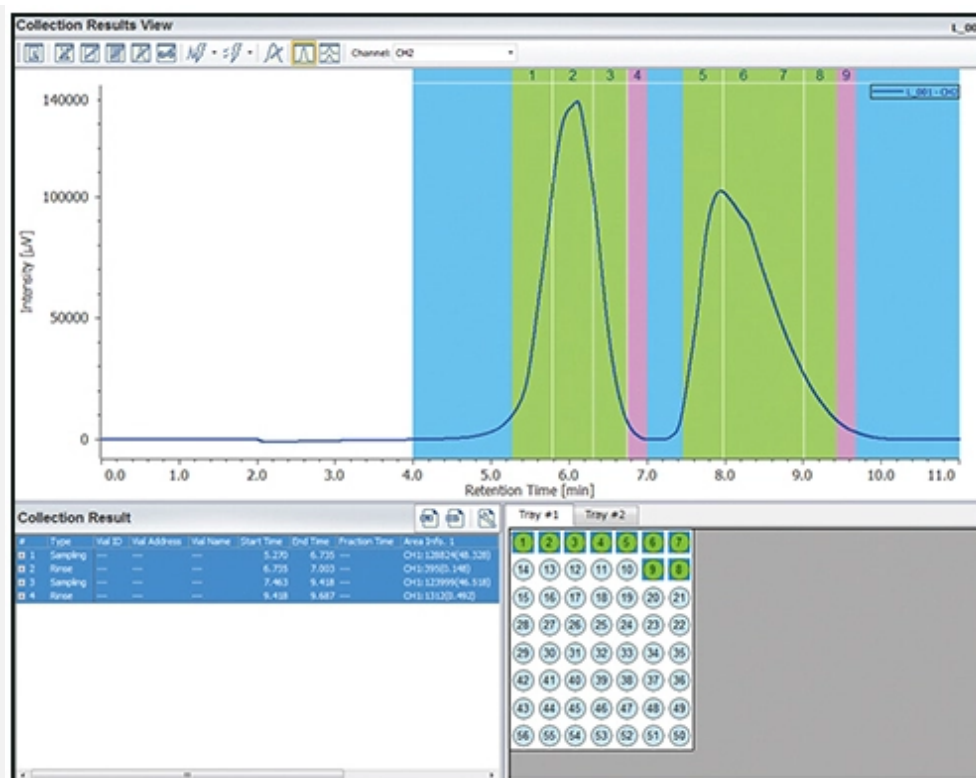
All raw data is protected and saved, which can then be analyzed and re-analyzed, reported and saved with both the raw data and any data processing from the user's analysis.

A comprehensive audit trail records the acquisition method along with a history of instrument performance indicators in each sample data file, which provides the user a snap-shot of the condition of the system during the run and can warn about requirements for impending maintenance.



ChromNAV-GPC

Molecular weight distribution program ChromNAV GPC/SEC calculation program for GPC analysis



ChromNAV- FC Collection View Window (Option)

ChromNAV-FC fraction collector control for the CHF-122SC fraction collector

ChromNAV-FC for Preparative HPLC

The optional ChromNAV-FC fraction collector control is available as part of the Prep-HPLC kit and provides ChromNAV with the capability to control the LC-4000 Series preparative HPLC system for fraction collection.

ChromNAV-FC offers control for two different capacity fraction collectors, with advanced fractionation algorithms for peak collection, using time, threshold and slope, and can even be programmed to use data collected simultaneously from multiple detectors such as UV-visible, refractive index or circular dichroism. Fraction simulation uses an acquired chromatogram to develop the fraction collection parameters and the graphical display can be used to locate peaks of interest in the fraction collector tray.

ChromNAV-FC also supports additional functions for prep-HPLC applications, including automatic multi-channel fractions, fraction repeat and fraction re-cycle.



*1: ChromNAV CFR is an optional software package for ChromNAV.

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Калининград (4012)72-03-81	Омск (3812)21-46-40	Сыктывкар (8212)25-95-17
Ангарск (3955)60-70-56	Калуга (4842)92-23-67	Орел (4862)44-53-42	Тамбов (4752)50-40-97
Архангельск (8182)63-90-72	Кемерово (3842)65-04-62	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Астрахань (8512)99-46-04	Киров (8332)68-02-04	Пенза (8412)22-31-16	Тольятти (8482)63-91-07
Барнаул (3852)73-04-60	Коломна (4966)23-41-49	Петрозаводск (8142)55-98-37	Томск (3822)98-41-53
Белгород (4722)40-23-64	Кострома (4942)77-07-48	Псков (8112)59-10-37	Тула (4872)33-79-87
Благовещенск (4162)22-76-07	Краснодар (861)203-40-90	Пермь (342)205-81-47	Тюмень (3452)66-21-18
Брянск (4832)59-03-52	Красноярск (391)204-63-61	Ростов-на-Дону (863)308-18-15	Ульяновск (8422)24-23-59
Владивосток (423)249-28-31	Курск (4712)77-13-04	Рязань (4912)46-61-64	Улан-Удэ (3012)59-97-51
Владикавказ (8672)28-90-48	Курган (3522)50-90-47	Самара (846)206-03-16	Уфа (347)229-48-12
Владимир (4922)49-43-18	Липецк (4742)52-20-81	Саранск (8342)22-96-24	Хабаровск (4212)92-98-04
Волгоград (844)278-03-48	Магнитогорск (3519)55-03-13	Санкт-Петербург (812)309-46-40	Чебоксары (8352)28-53-07
Вологда (8172)26-41-59	Москва (495)268-04-70	Саратов (845)249-38-78	Челябинск (351)202-03-61
Воронеж (473)204-51-73	Мурманск (8152)59-64-93	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Екатеринбург (343)384-55-89	Набережные Челны (8552)20-53-41	Симферополь (3652)67-13-56	Чита (3022)38-34-83
Иваново (4932)77-34-06	Нижний Новгород (831)429-08-12	Смоленск (4812)29-41-54	Якутск (4112)23-90-97
Ижевск (3412)26-03-58	Новокузнецк (3843)20-46-81	Сочи (862)225-72-31	Ярославль (4852)69-52-93
Иркутск (395)279-98-46	Ноябрьск (3496)41-32-12	Ставрополь (8652)20-65-13	
Казань (843)206-01-48	Новосибирск (383)227-86-73	Сургут (3462)77-98-35	
Россия +7(495)268-04-70	Киргизия +996(312)-96-26-47	Казахстан +7(7172)727-132	