

Программное обеспечение для спектроскопии Spectra Manager

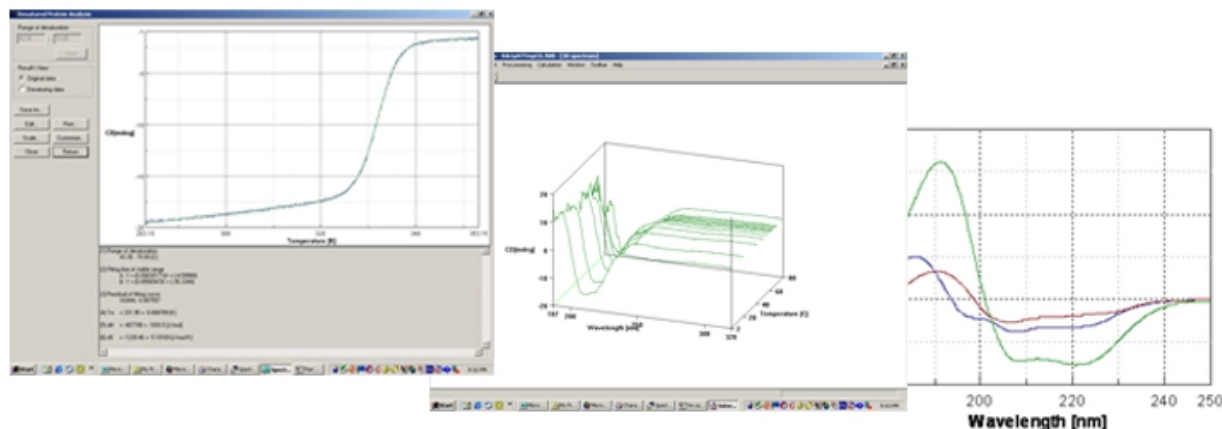
Описание

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	

Spectra Manager™ Suite Spectroscopy Software

JASCO is the first manufacturer to develop a powerful, cross-platform suite of spectroscopy software for controlling an entire range of molecular spectroscopy instrumentation. Spectra Manager™ Suite is a comprehensive package for designing experimental methods, acquiring data and processing results. The intuitive user interface is used across the whole range of spectroscopy instruments eliminating the need to learn multiple software packages.



Spectra Manager™ Suite is an innovative cross-spectroscopy software platform. This single platform for data analysis is a unique and powerful way to manipulate and display data from any JASCO spectroscopy system UV-Visible/NIR, Fluorescence, FTIR, Circular Dichroism, ORD, LD, Raman, FT-Raman, Polarimeter and other types of data can be directly compared, processed, and reported.

- Microsoft Windows 10 Professional or Enterprise
- 21 CFR part 11 compliance
- Validation for GxP
- Control of all JASCO spectroscopy instruments
- Control of multiple instruments from a single PC
- Analysis of many types of spectral data in a single user interface
- Users only need to be familiar with a single software package
- Flexible data display with publication quality printing
- Supports standard data formats such as ASCII, CSV, text and J-Camp for export to other software packages (Excel, Word, etc.) or operating systems such as Mac

Instrument Control & Data Acquisition

Drivers and applications are available to control every JASCO spectroscopy instrument and accessory. Simple dialogs allow creation and editing of method files and acquisition processes. Data acquired from the instrument is automatically saved and transferred to Spectra Analysis for further analysis and reporting. Each instrument driver includes comprehensive hardware diagnostics and validation.

Data Processing & Spectral Analysis

Many types of data files (UV-Visible/NIR, FTIR, Fluorescence, etc.) can be viewed in a single window, and processed using a full range of dedicated data processing functions. Features include peak location, arithmetic operations, derivatives, peak integration and processing, smoothing, baseline correction, etc.

Powerful Program Apps

With hundreds of standard and customer apps, Spectra Manager offers the highest productivity. You can find out more in

the web pages associated with each instrument.

Macro Command

If you cannot find an app that suits your measurement or analysis, a bespoke app can be developed using Macro Command; this includes almost any type of experimental design, measurement protocol, data acquisition, complex post-run data processing and reporting, etc.

Flexible Display Features

Powerful visualization tools can be used to overlay and print in user-selectable colors and patterns, with full control of style & font and autoscale mode. The workspace can be customized with flexible display of windows and tool bars, etc.

Report Publishing

JASCO Canvas is a powerful reporting package that can be used to produce versatile customizable report layouts.

Spectra Manager™ CFR

Developed under the FDA standard for best practice ALCOA, Spectra Manager™ CFR provides secure access and features compliant with 21 CFR Part 11; system access requires a user name and password which are assigned by the Workgroup Manager and individual Access Levels determine the access to Administrative Tools which includes instrument configuration, analysis applications, user setup, workgroup setup and security policies as well as system and application history logs. Three levels of electronic signatures are required including creation, review, and approval stages. An audit trail is recorded in each data file recording any data processing performed on the spectral data.

- Management of security information for systems, users, data and records
- Access control for secure systems by user ID and password
- Audit trail function with time-stamp for tracking records
- Three levels of electronic signatures for record integrity

Spectra Manager™

General Data Processing Functions

Spectra Manager™ includes a range of functions which can be used for almost every data type (listed below). In addition, there are many special applications dedicated to different instruments and accessories.

- Derivatives
- Arithmetic operations
- Peak detection and processing
- Smoothing (several methods)
- Deconvolution
- Baseline correction
- Axis conversion
- Kramers-Kronig conversion
- Audit trail of data processing is stored as part of the data file

Flexible Display Features

- Overlay printing in colors and patterns
- Auto scale mode
- Full control of styles and fonts
- Customizable workspace including tool bars and windows
- Publication quality printing
- Data import/Export using CSV, Text or JCAMP formats

Standard Windows® Features

- Multi-tasking allows background data acquisition while analyzing data or running other programs
- User modified printing formats for any type of printer
- Digital and graphical data transfer through Clipboard

Spectra Manager™ CFR

Spectra Manager™ CFR is compliant with 21 CFR Part 11. Data is stored within a secure file structure to guarantee integrity of each electronic record. A choice of pull-down task menus, user-friendly icons, and easily accessible pop-up menus enables new users to manage security information, control user access, and record audit trails.

Easy-to-Use

A startup window lists available resources, such as instruments, measurement and application programs. User access requires a Username and Password, assigned by the Workgroup Manager.

Access Rights Control

System access levels for Administrator, Power User, Limited User and User are defined.

Electronic Signatures

There are three levels of electronic signatures: Creation, Review and Approval. Electronic signatures are applied to spectral data files, Canvas templates or documents, instrument parameters and analysis methods.

Audit Trail for System and Applications

The system and application history are automatically recorded.

Audit Trail for Data Files and Parameters

Audit trails are recorded for every data file, recording data processing for all spectral data. Records are also made in the audit trail for instrument parameters, Canvas templates and Method files.

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