

2000 Chromatography WorkStation



Quick Details

Input channel count: 2;

Communication: USB;

Brand Name: Surwit

Model: 2000 (SP1 version)

Certificate: GB/T 19001-2008/ISO 9001:2008

Can be connected to all chromatography system, such as GC, HPLC, CPC, IC, CE, and it can replace all traditional recorder and integrator as well.

USB communication

Soft Dog

GLP standard

Original sample data

Free editing design

Data processing note

Different authority users

Establish catalogue



Features and Specification

Hardware

Input channel count	2	Minimum peak width	0.1 s
Integral sensitivity	1 μ V/s	Communication	RS-232
Output voltage range	- 500 mv ~ 1.5 v	Sampling frequency	10, 25, 50 times/sec
Minimum resolution	1 V	Input impedance	> 10 M Ω
External type	Aluminium shell	Output voltage	-2500 mv ~ 2500 mv
Dynamic range	10 ⁷	Operating system	9 x/Me/NT / 2 K/XP/vista, Widnows
Linear degrees	\pm 0.01%	Repeatability	\pm 0.01%
Highest sampling frequency	100 times/s	Noise	\pm 1 μ V

Software:

Automatically identifying the solvent peaks, tailed peaks, jagged peaks, pre and post shoulder peaks.

Automatically adjusting the parameters (width of the peak, slope) during the analysis process.

Automatically tracking the baseline; automatically compartmentalizing the type of the chromatogram peaks, the start and the end of the peaks.

Powerful manual integration function, adding and removing peaks, adjusting the baseline of peaks, regulating the incision ways.

Integral sensitivity is 1 mv·s, the minimum resolution is 0.1 uv, the minimum width of the peak is 0.1 s.

The data could be shared with Microsoft Excel, Word, and other softwares; the data spectrum could be shared with Photoshop, CorelDRAW and other image softwares.

Data re-analysis and filing functions.

Quantitative calculation methods: normalization method, calibration normalization, internal standard method, group method, external standard method and index method.

Packaging & Delivery

Packaging Details: TNT, UPS, FedEx available. Or per your requirements.

Delivery Detail: 7 days by air

Payment: PREPAID 100% in advance

Item Description

2000 Chromatogram Data System is a data Data System which developed by Surwit Technology Inc. on the basis of numerous customer feedbacks, which fit to domestic and foreign chromatography instrument analog signals to accept, processing and reporting.

2000 adopts the latest production technology and high-quality components, on the basis of ensuring operation convenience, greatly improved the hardware reliability and anti-interference, which can be widely used in chemical industry, pharmaceutical, food, life sciences, mines, research institutes and universities laboratory, etc.

2000 Chromatography Data System (SP1 version) can also be customized for other fields, such as GPC (Gel chromatography), TVOC monitor (Indoor environmental monitoring), transformer insulation oil, natural gas, liquefied gas and gas calorific value, transformer insulation oil, special simulated distillation, drug , liquor, tobacco, sulphide, amino acid analysis and so on.

GLP standard

2000 ensures data tracking ability and data integrity according to the GLP requirements.

Original sample data

2000 can completely display the original spectra with the saved spectra data without any treatment.

Free editing design

2000 can record the operator note information by free editing design.

Data processing note

Chart of treatment methods, quantitative results and note are stored in the same file, the operator can get the tracing process. Every operation step can be recorded in the note, follow CFR21 Part 11 requirements.

Different authority users

2000 sets up a different permission password and levels for users to ensure the data safety, including operating log view, diary note, and manual integral and so on.

Establish catalogue

Organize and manage the chart by the source or category of sample.



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