

Event Abstract

90-49 The Universal Chromatographic Data System - UniChrom

Event Type: Sunday Posters

Presenter: Siarhei Charapitsa - Belarus State University

Part of: New Developments in Analytical Instrumentation and Software

Start Time: 03/09/2003 - Afternoon

Location: Valenica Ballroom

Abstract: The Universal Chromatographic Data System - UniChrom system is the hardware/software complex that allows upgrade existing analytical devices pool no matter in the research or industrial laboratory. Product is positioned to automate any kind of chromatographic analysis, method development, carrying out routine and special measurements of any type of complexity.

Unified style of instrumentation control for different brands of chromatographic devices: GC HP 6890/5890/4890, Varian 3880, Shimadzu GC-17A, Crystall-2000M, Tsvett-800, LC Stayer, capillary electrophoresis system Capel-103.

For chromatographs without built-in ADC our ADC LabNet bloc with built-in low-current amplifier permits direct connection to the any ionization detector: FID, ECD, TID or PID. Coerced noise level at current and voltage inputs is 1.5 fA and 0.3 mkV accordingly. Microprocessor control automatic gain switching for amplifiers, that allows to measure concentrations from 0.00001% to 100%.

Automatic report generating with any word processors, spreadsheets etc like MS Word, MS Excel and MS Access, even in MS Internet Explorer (html report) which support interprocess communication using OLE or DDE. Report templates for MS Word and MS Excel are included.

Nowadays UniChrom is distributed and supported on the 4 languages: RUS, ENG, DEU and FRA.

Additional information can be found on the Internet site www.unichrom.com

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