

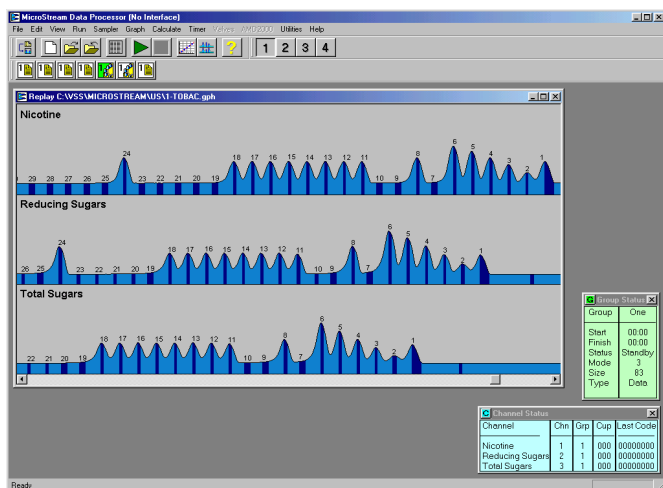
MicroStream Data Processor

Data Acquisition and Analysis for Continuous Flow and Flow Injection

Introduction

The latest MicroStream data system is the result of over fifteen years experience in interfacing technology and represents the company's dedication to be market leaders in the field of automatic data capture and analysis. Our aim has been to design a product that is accurate, reliable and simple to use, yet is powerful enough to provide all the functionality required by a modern analytical laboratory.

Our latest software is written for Microsoft Windows 98, Windows 2000 or Windows XP. This means that data can be shared with other popular Windows programs and anyone who is familiar with Windows will find it very easy to use.



Real Time Analysis

Primary data acquisition, graphics, peak detection, calibration and calculation all take place in the background, so results are produced immediately upon a peak being detected. Such multi-tasking is achieved with the use of a dedicated microprocessor based analogue interface card which fits neatly into a standard expansion slot inside the computer.

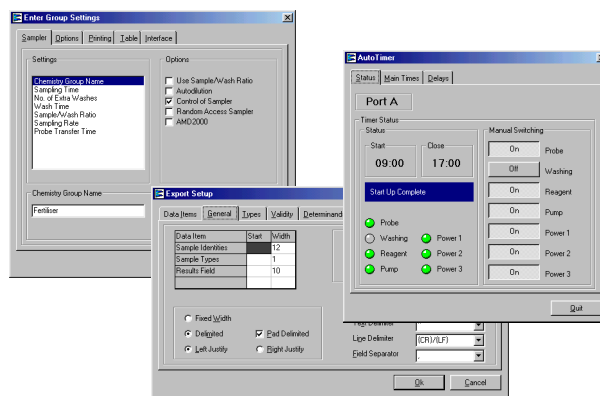
Special Features

MicroStream is very easy to set up because peaks are captured to have similar dimensions (height and width), independent of the channel or analysis speed.

A dynamic time-windowing technique for peak detection is employed - coloured time windows are reassuringly displayed synchronising with peaks on the screen. Raw analogue data may not be changed. For security the raw analogue data are stored separately from the derived peak height data, which may be edited.

Specification & Features

- Groups : 4
- Channels : 4, 8, 12 or 16
- Resolution : 16 bit Sigma Delta ADC
- Cups per Channel : 300
- Full Error and Peak Detection Coding
- Multiple Sample Types
- Baseline Correction
- Carryover Correction
- Sensitivity Drift Correction
- Wide Range of Peak widths
- On / Off peak spike rejection
- Filtering for noisy baseline
- Run-time editing, display and recalculation of data
- Real time print out of data and results
- Real time display of calibration graphs, peak heights
- Sub-Channels
- Sample weights and dilution factors
- AutoSampler Control including Pause / Resume
- Automatic Start-up and Close-down
- Worksheet generation
- File Import / Export facility
- CFR Audit Trail
- Link to spreadsheets, databases, LIMS
- Automatic Dilutor Option for Samples and Standards
- AQC option available - 'AQC Explorer'



System Requirements

- Personal Computer with a Pentium Class Processor
- 1 Free PCI Slot or 1 Free Full Length ISA Slot
- Microsoft Windows 98, 2000, XP
- 64MB System Memory
- 5MB Hard Disk Space plus Space for Data Files
- Super VGA Resolution Monitor
- Microsoft Mouse or compatible pointing device
- CD-ROM Drive