Medizin- und Labortechnik
Engineering GmbH Dresden

MLE

Laboratory-Software

for

- **Control of the FIA system**
- **Data acquisition of the FIA channels**
- **Presentation and evaluation of the measurement data**
- **Data base for single samples and sample series results**
- **Data export and data archiving**

The FIA system with **FIA modula** and **FIA compact** modules by ***MLE*** will be controlled by PC using the windows-based software

FIAstudio

of the company **Dr. Herbert Steiner Consulting**.

Control of the FIA system

The FIA system can be single or multiple channel. Control and administration of the FIA system is organized by the ***FIAstudio*** software. This software allows for setting up the system, creating analytical methods completely with start up and shutdown routines.

FIAstudio also controls the autosampler together with its auto dilution function and organises the placement of samples, standards and controls on the sample tray.

The software modules

- ***FIAexpress*** for a single channels system
- ***EasyPrep*** for sample pre dilution and manufacturing of standards

could be optionally integrated.

The FIA system is primarily targeted towards routine analysis. However, it is also suited to the development of analytical methods.

Data acquisition from FIA modula / FIA compact

- Data acquisition and management for all analytical channels
- Data storage in relational database
- Presentation of the analytical peak of the last measurement
- Status indication for the connected modules

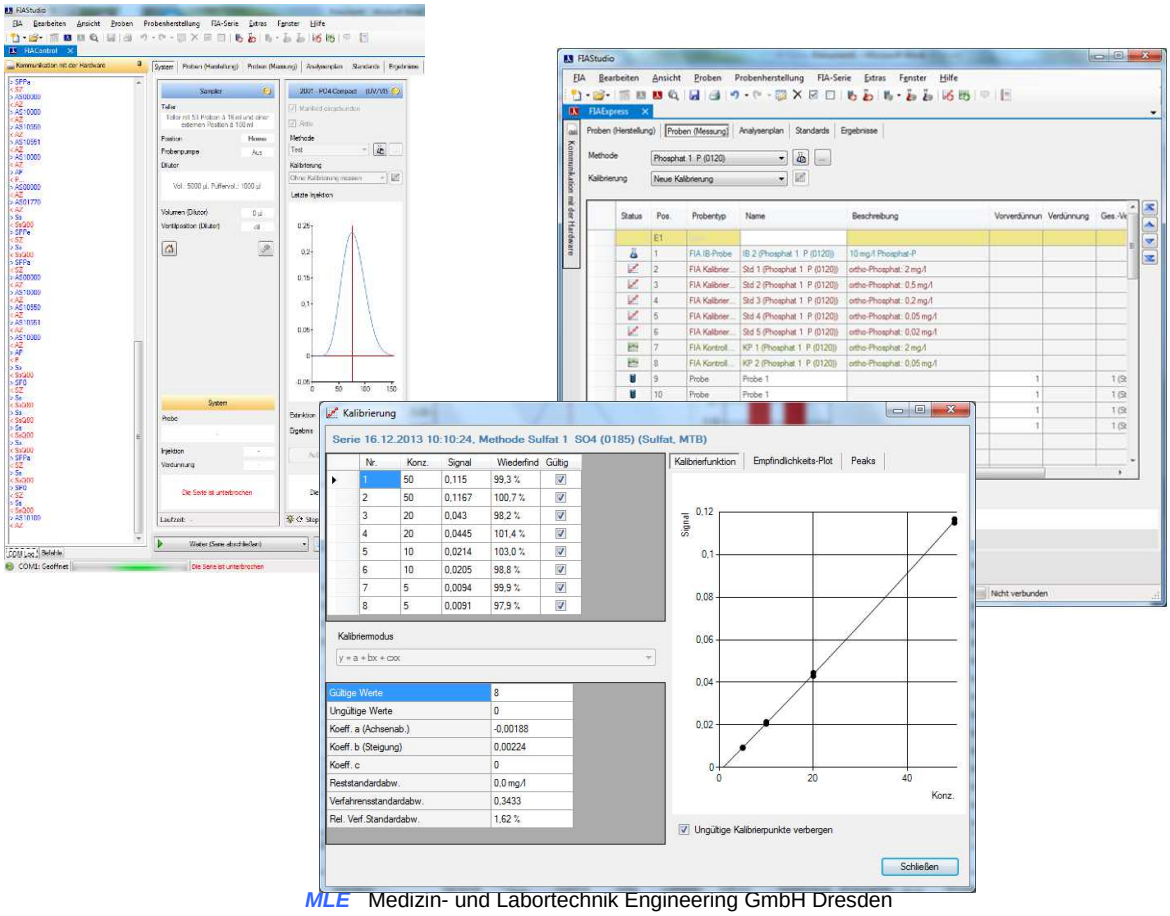
- Connection between FIA system and PC via serial RS 232 interface

Presentation and evaluation of the measured data

- Selection by method, date and time
- Presentation of the analytical peaks including zoom possibilities
- Labelling of faulty and outlying results
- Presentation of the calibration curve in different modes
- Manipulation of calibration results (labelling of outliers, changing of the calibration function)
- Print protocols for
    - calibration,
    - sample series results,
    - sample positioning on the tray
- transfer of protocols into pdf- files
- Evaluation of control sample results
- Archiving of sample and calibration results
- Customized presentation by means of filtering and sorting functions

General Requirements:

Hardware: Standard PC (min. 4 GB Main memory)
Software: operation system Windows 7 / 8 / 10
Operation: Typical windows user interface



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